

BOWKER, 1681.

AN

ALMANACK

FOR THE

Year of our Lord God. 1681.

BEING

The First after the *Bissextile* or *Leap-year*.

Containing the Motions of the Sun, Moon,

Planets; and Fixed Stars, the Aspects of the

Planets, and inclination of the Air.

The rise of High-water at *London bridge*

every day in the Year: And also in 55 other

Ports and Havens about ENGLAND.

WITH

A *BRIEF CHRONOLOGY* in a New

Mode; and divers other necessary Rules, Ta-

bles and Directions, pertinent to the com-

pleating of a *Diary*, or *Day-Book*, suitable

to all Mens Occasions.

Calculated & properly fixt the Meridian of *London*

But may generally serve the two Famous Islands of

GREAT BRITAIN and IRELAND

By JAMES BOWKER Astrophil.

LONDON, Printed by T. James for the
Company of STATIONERS. 1681.

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The Common Notes and Moveable Feasts for this
Year 1681, according to the Accounts

Julian, or English.	or		Gregorian, or Foreign.
	10	The Golden Number	10
	20	The Epact	10
	23	The Numerical Letter	2
	10	The Circle of the Sun	10
Feb. 13		Shrove-Sunday	16 Febr.
April 3		Easter-day	6 April
May 8		Rogation Sunday	11 May
May 12		Ascension day	15 May
May 22		Whit-Sunday	25 May
May 29		Trinity-Sunday	2 June
Novem. 27		Advent Sunday	30 November

No Marriage without a Licence.

From { The beginning of the Year till January 14.
Septuagesima to Shrove Sunday.
Rogation Sunday to Trinity Sunday,
Advent Sunday to the end of the Year.

V E N U S Is an Evening Star till the Eighteenth of June, and from thence a Morning Star to the End of the Year.

The

The Beginning, Ending, and Returns of the Terms

Return Days, or Days of Effoyne.	Days of Excep.	Returna Brevium	Days of Appearance
----------------------------------	----------------	-----------------	--------------------

Hilary Term begins Febr. 21, and ends Febr. 12.

Octab. Hill.	Feb. 20	21	22	24
Quind. Hill.	Jan. 27	28	29	29
Craft Purif.	Feb. 3	4	5	5
Octab. Purif.	Feb. 10	11	12	12

Easter Term begins April 20, ends May 16.

Quinq. Pasch.	April 18	19	19	20
Tis. Pasch.	April 25	25	25	28
Wed. Pasch.	May 2	3	4	5
Quinq. Pasch.	May 9	10	11	12
Craft. Ascens.	May 13	14	16	15

Trinity Term begins June 3, ends June 22.

C. ex. Trin.	May 30	31	June 1	3
Octab. Trin.	June 6	7	8	9
Quind. Trin.	June 13	14	15	16
Tis. Trin.	June 20	21	22	22

Michaelmas Term begins Octob. 22, ends Nov. 23.

Tis. Mich.	Octob. 20	21	22	24
Wed. Mich.	Octob. 27	28	29	31
Craft. Anim.	Nov. 3	4	5	7
Craft. Mart.	Nov. 14	14	15	16
Octab. Mart.	Nov. 21	22	23	23
Quind. Mart.	Nov. 28	28	28	28

The Exchequer opens eight days before any Term begins, except Trinity, before which it opens but four days.

Goose goes to Law for Couzen Ganders Land,
And Fox the Lawyer takes the Cause in hand:
Who (for his Counsel) taketh Fees of either,
And in the end leaves neither worth a Feather.

Now comes the Term, and Judgment must proceed,
Fools they fell out, and Beggars they agreed.

A Table showing the time of High-water in all the Ports below-mentioned.

Days	Hours and Minutes to be added.		The Names of the Ports.	Ho. M.	
	Ho.	M.		Ho.	M.
1	0	49	Queentorough, Southampton, Portsmouth,	0	0
2	1	38	Rochester, Maldon, Blacktail,	0	40
3	2	26	Gravesend, Dover, Blacknefs, Silly,	1	30
4	3	15	Dundee, St. Andrews, Lisbon, Lucas,	2	15
5	4	3	London, Timmouth, Amsterdam, Rotterdam,	3	0
6	4	53	Barwick, Flushing, Flamborough,	3	45
7	5	41	Baltamoor, Corke, Severn, Callice,	4	30
8	6	30	Falmouth, Humber, New-Castle,	5	15
9	7	19	Plimouth, Hull, Lin, St. Davids,	6	0
10	8	8	Bristol, Start-point, Waterford,	6	45
11	8	56	Miford, Bridgwater, Lands-end,	7	30
12	9	45	Portland, Hartflew, Dublin,	8	15
13	10	34	Pool, Isle of Man, Dunbar, Diepe,	9	0
14	11	23	Needles, Orford, South and N. Forelands,	9	45
15	12	11	Yarmouth, Dover, Harwich,	10	30
16	11	0	Rie. Wnchelsey, Colshot.	11	15

Use the Table following. you have the Moons age every day of the year; which being known, seek the Moons age in this Table, and see what hours and minutes stand against it, thole hours and minutes being added to the hours and minutes which stand against the name of the place you would know the time of High-water at, will give you the time of High-water at that place.

Example.

If you would know what time it will be High-water at Gravesend upon the 1 of January, look in the following Table, and against the 1 of January, you shall find the Moon is 10 days old: wherefore find 10 days in this Table under (Moons age) and against it you shall find 8 h. 8 m. which being added to 1 h. 30 m. (the hours and minutes standing against Gravesend) the sum is 9 h. 38 m. at which time it will be High-water at Gravesend on the 1 of January afternoon. But if the hours and minutes added together exceed 12 hours, you must cast away 12 hours, and the time of High-water will remain. So on the 18 of January, the Moon being 1 days old, the hours and minutes against 9 days old are 7 h. 19 m. which added to 1 h. 30 m. (the hours and minutes standing against Dover) make 7 h. 49 m. from which take 12 h. and there remains 5 h. 49 m. at which time it will be High-water at Dover the 18 of January.

Wis
Tom
Wh
Tb

	Ja.
1	22
2	23
3	24
4	25
5	26
6	27
7	28
8	29
9	30
10	31
11	2
12	3
13	4
14	5
15	6
16	7
17	8
18	9
19	10
20	11
21	12
22	1
23	2
24	3
25	4
26	5
27	6
28	7
29	8
30	9
31	10

Within the narrow confines of this Page,
 You have (for every day) fair Cynthia's Age;
 Which had, in fifty five Ports, it decrees
 Tb' alternate motion of the restless Seas.

A Table of the Mons Age.

	Ja.	Fe	M.	A.	M.	J.	J.	A.	S.	O.	N.	D.
1	22	23	21	23	23	25	25	27	29	●	1	1
2	23	24	22	24	24	26	26	28	●	1	2	2
3	24	25	23	25	25	27	27	29	1	2	3	3
4	25	26	24	26	26	28	28	1	2	3	4	4
5	26	27	25	27	27	29	●	2	3	4	5	5
6	27	28	26	28	28	●	1	3	4	5	6	6
7	28	29	27	29	●	1	2	4	5	6	7	7
8	29	●	28	●	1	2	3	5	6	7	8	8
9	●	1	●	1	2	3	4	6	7	8	9	9
10	1	2	1	2	3	4	5	7	8	9	10	10
11	2	3	2	3	4	5	6	8	9	10	11	11
12	3	4	3	4	5	6	7	9	10	11	12	12
13	4	5	4	5	6	7	8	10	11	12	13	13
14	5	6	5	6	7	8	9	11	12	13	14	14
15	6	7	6	7	8	9	10	12	13	14	15	15
16	7	8	7	8	9	10	11	13	14	15	16	16
17	8	9	8	9	10	11	12	14	15	16	17	17
18	9	10	9	10	11	12	13	15	16	17	18	18
19	10	11	10	11	12	13	14	16	17	18	19	19
20	11	12	11	12	13	14	15	17	18	19	20	20
21	12	13	12	13	14	15	16	18	19	20	21	21
22	13	14	13	14	15	16	17	19	20	21	22	22
23	14	15	14	15	16	17	18	20	21	22	23	23
24	15	16	15	16	17	18	19	21	22	23	24	24
25	16	17	16	17	18	19	20	22	23	24	25	25
26	17	18	17	18	19	20	21	23	24	25	26	26
27	18	19	18	19	20	21	22	24	25	26	27	27
28	19	20	19	20	21	22	23	25	26	27	28	28
29	20	21	20	21	22	23	24	26	27	28	29	●
30	21	22	21	22	23	24	25	27	28	29	●	1
31	22	23	22	23	24	25	26	28	●	●	●	●

A Compendious CHRONOLOGY.

Since	A LL things were of GOD created good	5630
	Noah ascends the <i>Ark</i> to avoid the <i>Flood</i>	3944
	GOD the <i>Promise</i> made to <i>Abraham</i>	2608
	Th' <i>Israelites</i> from <i>Egypt's</i> Bondage came	376
	<i>Solomon</i> the <i>Temple</i> finished	2691
	King <i>Sedechias</i> was a <i>Captive</i> led	2271
	JESUS was of th' <i>Blessed Virgin</i> born	1581
	For <i>Mans Sin</i> he suffer'd <i>Death</i> and <i>Scorn</i>	1658
	First the <i>Saxons</i> stept on <i>English</i> ground	1126
	Here the <i>Danes</i> the like advantage found	849
	<i>Norman William</i> <i>Britain</i> over-power'd	615
	Maud the <i>English-Saxon</i> Blood restor'd	577
	Second <i>Henry</i> <i>Ireland</i> first assail'd	508
	Our First <i>Edward</i> hence the <i>Jews</i> expell'd	390
	<i>Tyler</i> fain would have the <i>Throne</i> ascended	299
	He his <i>Life</i> with his <i>Rebellion</i> ended	299
	<i>Guns</i> (those <i>Mortal Engines</i>) first were found	301
	<i>Printing</i> made the world with <i>Books</i> abound	238
	<i>Philip</i> of <i>Spain</i> did with <i>Queen Mary</i> marry	127
	<i>Coaches</i> were invented men to carry	126
	<i>Lighning</i> last consum'd <i>S. Paul's</i> high <i>Spire</i>	120
	All the <i>Heavens</i> appeared on a <i>Fire</i>	107
	<i>Percy</i> and great <i>Nevil's</i> <i>Insurrection</i>	112
	<i>Gresham</i> <i>College</i> and th' <i>Exchange</i> erection	110
	<i>Drake</i> surrounded this our <i>Globe</i> of strife	104
	Pious <i>Gresham</i> did exchange this <i>Life</i>	102
	<i>Saint Domingo</i> Ranfack'd was by <i>Drake</i>	96
	Then the <i>Spaniards</i> did (not fight) but quake	96
	Boasting <i>Spain's</i> <i>Armado</i> overhrown	93
	That <i>Tobacco</i> was in <i>England</i> known	88
	<i>Cates</i> was from the <i>Spaniards</i> stoutly torn	85
	CHARLES the First was at <i>Dunfermlin</i> born	81
	JAMES of <i>Scotland</i> the <i>English</i> <i>Crown</i> possess	79
	He th' <i>Allegiance Oath</i> upon us prest	76

Since

5630
 3944
 2608
 3 76
 2691
 2 271
 1581
 1658
 126
 849
 615
 577
 508
 390
 299
 301
 38
 27
 26
 20
 07
 12
 10
 04
 02
 06
 06
 3
 8
 5
 1
 9
 5

Since

Fate reveal'd the Hellish Powder Plot	76
We joyc'd that it succeeded not	75
A Great Plague on <i>London</i> Heaven sent	56
Then at <i>Oxford</i> sat the Parliament	56
That the Duke of <i>Buckingham</i> was slain	53
<i>England</i> did conclude a Peace with <i>Spain</i>	52
Our Dread Sovereign first breath'd <i>Richmond</i> air	51
Bishop <i>Laud</i> began <i>S. Paul's</i> Repair	47
<i>Charles</i> the First advanc'd against the <i>Scot</i>	42
The Lord <i>Stafford</i> stooped to the Block	40
<i>Charles</i> his Royal Standard streaming stood	39
<i>Keinton</i> Field was dy'd with English Blood	39
Reverend <i>Laud</i> unto the Block did bow	37
<i>Naseby</i> Field first own'd that fatal blow	36
<i>Charles</i> the First left <i>Oxford</i> in disguise	35
He unto the <i>Scots</i> became a Prize	35
Martyr'd <i>Charles</i> receiv'd his fatal doom	33
The Rump Voted Kingship burthen some	33
<i>Cromwel</i> did Protectorship usurp	29
In a Whirlwind he was taken up	22
Into <i>London</i> General <i>Monk</i> did come	22
The secluded Members he brought home	21
<i>Charles</i> the Second's coming to <i>White-Hall</i>	21
Forthwith he a Parliament did call	21
That the horrid Regicides were Try'd	21
They at <i>Charing-Cross</i> most justly dy'd	21
There appear'd three Comets in the Sky	16
That the <i>English</i> made the <i>Dutch</i> Ships fly	16
<i>Londons</i> last great Plague or Visitation	16
<i>Holland</i> thrice beat by the <i>English</i> Nation	16
(For our Sins) God in his dreadful Ire	
<i>London</i> consumed by a dismal Fire	15
By his Providence Omnipotent	
Restor'd and built far more Magnificent	10
Peace agreed 'twixt <i>English</i> and the <i>Dutch</i>	8
The shrill Trumpet nois'd it to be such	8

January hath XXII. days.

- Last quarter the 1 day, 18 m. past 4 in the Afternoon.
- New Moon the 9 day, 52 min. after 7 at night.
- First quarter the 17 day, 25 min. past 5 in the morning.
- Full Moon the 23 day, 6 min. after 10 at night.
- Last quarter the 31 day, 27 m. past 12 at noon.

*Beware of Cold, to Bath or Bleed take heed,
A good warme Coat this Month thy Back will need.*

1	a	Jan. 1	22	5	20	24	h	19.17	S	
2		Octav. Steph.	23	6	2	m	27	h	6.56	II
3	c	Meliorus	24	8	14	21	o	23.54	m	
4	d	Croniack	25	9	26	8	q	26.47	m	
5	e	Ed. Confessor	26	10	8	7	1	q	3.45	w
6	f	Jan. 6	27	11	19	48	h	18.52	S	
7	g	Ced. B. Lond.	28	12	1	w	30	h	6.36	I
8	a	Will. B. York	29	14	14	1	o	24.32	m	o q c
9	b	Jan. 9	30	15	26	22	q	2.57	x	
10	c	Paul Erem.	1	16	8	m	57	q	4.54	w
11	d	Hyginus P.M.	2	17	21	45	h	18.17	S	
12	e	Archadius	3	18	4	x	46	h	6.19	II
13	f	Rheinoldus	4	19	17	54	o	24.42	m	
14	g	Hillary B.	5	20	1	v	17	q	9.7	x
15	a	Mauritius	6	21	4	47	q	8.56	w	
16	b	Jan. 16	7	22	8	32	h	18.2	S	
17	c	Anthony Ab.	8	23	2	20	h	6.9	II	
18	d	Cath. Pet.	9	24	6	33	o	24.29	m	
19	e	Wolstannus	10	25	2	II	49	q	15.15	x
20	f	Fab. & Seb.	11	26	15	18	q	14.20	w	
21	g	Agnes V.	12	27	1	S	5	h	17.41	S
22	a	Vincent	13	28	2		h	6.5	II	
23	b	Jan. 23	14	29	8	II	46	o	23.59	m
24	c	Polycarpus	15	30	22	56	q	21.20	x	
25	d	Chrysofom	16	31	6	m	47	q	21.2	w
26	e	Carol. Mag.	17	32	20	18	h	17.21	S	
27	f	Gildas	18	33	15	55	o	27.18	m	
28	g	Adamant	19	34	28	26	q	27.25	x	
29	a		20	35	10	m	31	q	28.58	w
30	b		21							
31	c		22							

The Month

begins with
cloudy, dark,
and windy
weather

Cold and
Frosty

Rain, Snow,
or Sleet.

Cold Rain.

Cold Air
and sharp
Winds.

1	8
2	8
3	7
4	7
5	7
6	7
7	7
8	7
9	7
10	7
11	7
12	7
13	7
14	7
15	7
16	7
17	7
18	7
19	7
20	7
21	7
22	7
23	7
24	7
25	7
26	7
27	7
28	7
29	7
30	7
31	7

Sun. rises.

JANUARY. 1681.

The Son of God obey'd his Father's Will,
Was (1) Circumcis'd, and did the Law fulfill.
By Three great Kings (6) Gifts unto Christ were given,
And (25) Paul Converted by a Voice from Heaven.

1	8	2	3	10	8	36		11	d
2	8	0	4	2	9	24	Day 3 hours long.	12	e
3	7	58	4	3	10	12		13	f
4	7	57	4	4	11	0		14	g
5	7	56	4	5	11	48	Day breaks at 5 h. 50 m.	15	a
6	7	55	4	6	12	36	Twilight ends 6 h. 10 m.	16	b
7	7	54	4	7	1	24		17	c
8	7	53	4	7	2	12	Day lengthened 10 m.	18	d
9	7	52	4	8	3	0	Sun rises S. E. by E. and sets S. W. by S.	19	e
10	7	50	4	10	3	48		20	f
11	7	49	4	11	4	36		21	g
12	7	47	4	13	5	24		22	a
13	7	46	4	14	6	12		23	b
14	7	45	4	15	7	0	Day 3 hours and 10 m. long.	24	c
15	7	44	4	16	7	48		25	d
16	7	42	4	18	8	36		26	e
17	7	41	4	19	9	24	South-arm of Crab So. at 12.	27	f
18	7	39	4	21	10	12		28	g
19	7	38	4	22	11	0		29	a
20	7	36	4	24	11	48	Day breaks at 5 h. 32 m.	30	b
21	7	34	4	26	12	36	Twilight ends 6 h. 28 m.	31	c
22	7	32	4	28	1	24			
23	7	31	4	29	2	12	Heart of Hydra South at 12.		
24	7	30	4	30	3	0	Day 3 hours long.		
25	7	28	4	32	3	48			
26	7	25	4	34	4	36	The G. dog rises achronically		
27	7	25	4	35	5	24			
28	7	23	4	37	6	12	Day lengthened 1 h. 36 m.		
29	7	21	4	39	7	0			
30	7	20	4	40	7	48	Day breaks 5 h. 17 m.		
31	7	18	4	42	8	36	Twilight ends 6 h. 43 m.		

February hath XXVIII days.

- New Moon the 8 day, 48 m. past 11 before noon.
- First quarter the 15 day, 30 m. after 12 at noon.
- Full Moon the 22 day, 6 min. after 11 before noon.

*Warm Cloaths this Moneth are good, old Sack no less,
Always provided you avoid Excess.*

M. D.	W. D.	Fixed and Moveable Feasts and Terms, &c.	The Suns Place.	The Moons Place	The Planets Places.	The Planets Aspects and change of Air.
1	d	Ignatius.	23 31	4 15	h 16.57 ☾	Remission of Cold.
2	e		24 36	15 1	u 6.11 II	
3	f	Blaise B. M.	25 37	27 52	♂ 22.0 m	
4	g	Gilbertus	26 38	9 54	♀ 4.40 V	
5	a	Agatha V.	27 38	22 7	♀ 9.20 ☾	Temperate
6			28 39	4 41	h 18.41 ☾	♂ ♀ ☾ and
7	c	Romwald	29 39	17 31	u 6.23 II	clear Air.
8	d	Edelstede	0 4	0 38	♂ 20.30 m	
9	e	Apollonia V.	1 40	14 1	♀ 10.40 V	Windy.
10	f	Scholastica V.	2 40	17 40	♀ 17.38 ☾	
11	g	Euphrosina	3 41	11 27	h 16.29 ☾	♂ ♀ ☾
12	a	Term ends	4 41	25 22	u 6.41 II	Frost.
13		Quinquagesima	5 41	9 23	♂ 18.46 m	Thaw-Sand.
14	c	Valentine	6 42	24 27	♀ 16.45 V	
15	d	Simon & Jude	7 42	7 31	♀ 26.10 ☾	♂ ♀ ☾
16	e	Andrew	8 4	21 36	h 16.18 ☾	Very cold
17	f	Simon	9 42	5 41	u 7.1 II	weather.
18	g	Simeon	10 42	19 44	♂ 16.55 m	♂ h ☾
19	a	Auca B.	12 42	3 46	♀ 22.40 V	
20		Septuagesima	12 41	17 44	♀ 4.31 ☾	Stirring
21	c	Cimbretta	13 42	1 14	h 16.9 ☾	Winds.
22	d	Cath. Per.	14 42	15 2	u 7.28 II	♂ ♂ ☾
23	e		15 42	28 21	♂ 14.54 m	
24	f		16 42	11 15	♀ 28.30 V	with hail
25	g	Johannes B.	17 42	23 57	♀ 12.47 ☾	
26	a	Alexander	18 42	6 13	h 16.4 ☾	and rain.
27			19 42	18 25	u 7.59 II	(rare.
28	c	Oswald B. Y.	20 42	0 10	♂ 13.0 m	More tempe-

Ch
Mo
24 Ma
Wh

H. M.

17
27
37
47
57
67
77
87
97
107
116
125
135
146
155
166
176
186
196
206
216
226
236
246
256
266
276
286

FEBRUARY 1681.

Christ's blessed Virgin Mother, Maiden Bride,
Most pure, yet (by the Law) was (2) parisi'd.

14 Matthias chosen in Nicodemus's place;
Wherein he liv'd and dy'd by God's high grace.

H. M.		H. M.		H. M.		Incr and Decr. of the days, with Southing of Stars and Planets
1	7	17	4	43	9	24
2	7	16	4	44	10	12
3	7	15	4	46	11	0
4	7	13	4	47	11	48
5	7	11	4	49	12	36
6	7	10	4	50	1	24
7	7	8	4	52	2	12
8	7	6	4	54	3	0
9	7	4	4	56	3	52
10	7	2	4	58	4	3
11	6	59	5	15	5	35
12	5	58	5	26	6	26
13	5	56	5	47	7	18
14	5	55	5	58	8	10
15	5	53	5	69	9	2
16	5	53	5	79	53	53
17	6	51	5	90	45	45
18	6	49	5	11	11	37
19	6	46	5	14	12	28
20	6	44	5	16	11	20
21	6	42	5	18	2	11
22	6	40	5	20	3	0
23	6	38	5	22	3	48
24	6	35	5	25	4	36
25	6	32	5	28	5	24
26	6	30	5	30	6	12
27	6	27	5	33	7	0
28	6	24	5	3	7	48

2) Sun rises E S E. sets W S W.

Day breaks at 5 in the morn.

Twilight ends at 7 at night.

Day lengthened 2 h. 38 m.

Day is 12 h. and half long.

20) Sun rises E. S. S. sets W. S. S.

Day breaks at 4 h. 30 m.

Twilight ends 7 h. 36 m.

Day is 12 h. long.

11 g
12 a
13 b
14 c
15 d
16 e
17 f
18 g
19 a
20 b
21 c
22 d
23 e
24 f
25 g
26 a
27 b
28 c
March
1 d
2 e
3 f
4 g
5 a
6 b
7 c
8 d
9 e
10 f

March hath XXVI. days.

- ☾ Last quarter the 2 day, 45 min. past 8 in the morning.
- New Moon the 9 day, 43 min. after midnight.
- ☾ First quarter the 16 day, 45 min. after 6 at night.
- ☾ Full Moon the 24 day, 24 min. past 1 in the morning.

*Thy Blood afresh 'gins to increase again,
Purge, Bath and Bleed, thy Body to maintain.*

1	d	David B.	21	41	12	7	h	16.1	☾	Fair and
2	e	Chad	22	41	23	54	4	8.20	II	pleasant
3	f	Wenloc Ab.	23	41	5	45	♂	11.54	III	
4	g	Lucius P. M.	24	40	17	46	♀	1.43	♂	weather all
5	a	Wilgise Con.	25	40	0	~	♀	26.51	X	theb. ginning
6	c		26	40	12	38	h	16.0	☾	
7	c	Aquicus Co.	27	39	25	34	4	8.56	II	of the Month.
8	d	Perpetua M.	28	38	8	X	♂	10.4	III	Small Rain
9	e	Francisca R.	29	38	22	36	♀	13.20	♂	
10	f	40 Martyrs	0	38	6	V	♀	6.28	V	♂ ♀ ☾
11	g	Oswin K. M.	1	37	20	51	h	16.1	☾	Sudden show-
12	a	Gregory	2	36	5	♂	16	9.36	II	ers and
13	c	Laure	3	36	19	44	♂	8.28	III	♂ ♀ ☾
14	c	Ceorulph K.	4	35	4	II	7	18.57	♂	
15	d	Aristobulus	5	34	18	22	♀	17.18	V	♂ 4 ☾
16	e	Alcede	6	33	2	☾	32	16.6	☾	Fierce storms.
17	f	Patrick	7	33	16	30	4	10.19	II	♂ h ☾
18	g	Edward	8	32	0	♂	19	7.10	III	
19	a	Josephus	9	31	13	57	♀	24.28	♂	
20	c	Edice	10	30	27	31	♀	25.2	V	
21	c	Benedict. Ab.	11	29	10	11	46	16.19	☾	♂ ♂ ☾
22	d	Alphrodifus	12	28	23	56	4	11.5	II	
23	e	Egbert K.	13	27	6	~	52	6.12	III	Very windy.
24	f	Landranck	14	26	19	37	♀	29.48	♂	
25	g		15	25	2	m	8	1.55	♂	Fair and dry
26	a	Will. Nor.	16	24	14	22	h	16.23	☾	
27	c	Hendric	17	23	26	26	4	11.51	II	
28	d	Fremand	18	21	8	7	20	5.30	III	High winds
29	e	Baldred Con.	19	20	20	10	♀	5.4	II	
30	f	Parrone B.	20	19	1	~	56	8.19	♂	Rain.
31	g	Adelme	21	18	13	48				

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Sun. 15

MARCH 1681.

Plants now revive, the Spring does gather strength,
 10 And Days and Nights are of an Equal Length.
 The Angel to the Virgin Tydings brings,
 That she shall bear the glorious King of Kings.

1	6	23	5	37	8	3	Day begins 3 ho. 40 m.	11	g
2	6	20	5	40	9	24	The Lyons Tail South at 12.	12	a
3	6	18	5	42	10	12		13	b
4	5	16	5	44	11	0	Day 22 hours and half long	14	c
5	6	14	5	46	11	48	Day breaks 4 h. 12 m.	15	d
6	6	11	5	49	12	36	Twilight ends 7 h. 44 m.	16	e
7	5	9	5	51	1	24		17	f
8	6	7	5	53	2	12		18	g
9	5	5	5	55	3	0		19	a
10	5	3	5	57	3	48	The Sun rises due East,	20	b
11	6	0	0	4	36		And sets due West.	21	c
12	5	59	6	1	5	24		22	d
13	5	57	6	3	6	12		23	e
14	5	56	6	4	7	0		24	f
15	5	54	6	6	7	48	Day breaks 3 ho. 50 min.	25	g
16	5	52	6	8	8	36	Twilight ends 8 h. 10 m.	26	a
17	5	50	6	10	9	24		27	b
18	5	48	6	12	10	12		28	c
19	5	46	5	14	11	0		29	d
20	5	44	6	16	11	48	First in G. Bears tail S. at 12.	30	e
21	5	42	6	18	12	36		31	f
22	5	40	6	2	1	24	Sun due E. a quarter after 6 in the morning.	2	a
23	5	39	6	21	2	12		3	b
24	5	37	6	23	3	0		4	c
25	5	36	6	24	3	48	Day breaks 3 h. 25 m.	5	d
26	5	34	6	26	4	36	Twilight ends 8 h. 35 m.	6	e
27	5	32	6	28	5	24		7	f
28	5	30	6	30	6	12		8	g
29	5	28	6	32	7	0	The second in great Bears tail is South at 12.	9	a
30	5	26	6	34	7	48		10	b
31	5	24	6	36	8	36			

April hath X X X days

- ☾ Last quarter the 1 day, at 3 in the morning.
- ☾ New Moon the 8 day, at 11 before noon.
- ☾ First quarter the 15 day, 24 m. past 1 in the morning.
- ☾ Full Moon the 22 day, 30 min. past 4 afternoon.
- ☾ Last quarter the 30 day, 34 min. after 7 at night.

*If thou intend'st to purge, or bath, or bleed,
Of Learn'd Physicians counsel thou hast need.*

1	G	Good Friday	22	16	25	W	48	h	16.38	☾	The Month
2	a	Francis Con.	23	15	8	☾	1	h	12.58	☾	begins w. th
3	B	Bar day	24	13	20	33	♂	5.1	m	☾	Morning
4	c	Gnire Pr.	25	12	3	X	30	♀	11.17	☾	Frosts and
5	d	Vincentius	26	10	16	54	♀	12.10	☾	☾	nipping Air.
6	e	Ethelwold K.	27	9	0	V	41	h	16.53	☾	More muld.
7	f	Sigene Ab.	28	7	14	58	h	13.53	☾	☾	
8	g	Duvianus Con.	29	6	29	3	♂	5.2	m	☾	☾ ☾ ☾
9	a	Frichstan B.	30	4	14	☾	18	♀	16.17	☾	Rain and
10	L	Low Sund.	1	2	29	11	♀	11.39	☾	☾	Cloudy.
11	c	Leo P.	2	1	14	☾	1	h	17.11	☾	☾ ☾ ☾
12	d	Hugh B.	3	59	28	41	h	14.48	☾	☾	☾ ☾ ☾
13	e	Hermenegild.	4	57	13	☾	13	♂	5.26	m	☾ h ☾
14	f	Tiburtius M.	5	55	27	7	♀	21.6	☾	☾	
15	g	Oswald B.	6	53	10	☾	54	♀	9.0	☾	Sudden Show-
16	a	Trans. Alb.	7	52	24	24	h	17.32	☾	☾	ers,
17	M	Misericordia	8	50	7	m	37	h	15.43	☾	☾ ☾ ☾ with
18	c	Oswin Mo.	9	48	20	35	♂	6.2	m	☾	Hail Storms.
19	d	Elphege B.C.	10	46	3	☾	22	♀	25.40	☾	
20	e	Teren begins	10	44	15	47	♀	7.3	☾	☾	
21	f	Anselm B. C.	11	42	28	25	h	17.55	☾	☾	Settled wea-
22	g	Suter & Caius	12	40	10	m	41	h	16.45	☾	her for many
23	a	S. George	13	38	22	48	♂	6.55	m	☾	days together.
24	B	Bar day	14	36	4	7	47	♀	0.2	☾	
25	C	Calixt. Evan	15	34	16	40	♀	4.18	☾	☾	
26	d	Cletus P. M.	16	31	28	31	h	18.19	☾	☾	
27	e	Walburge V.	17	29	10	W	20	h	17.45	☾	
28	f	Vitalis M.	18	27	22	13	♂	7.57	m	☾	
29	g	Peter Martyr	19	25	4	☾	12	♀	4.6	☾	Fair and
30	a	Kath. of S.ena	20	23	16	26	♀	2.0	☾	☾	Cleer.

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95 2
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124 55
134 55
144 53
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164 50
174 48
184 46
194 44
204 42
214 40
224 38
234 36
244 34
254 32
264 30
274 28
284 26
294 24
304 22

APRIL 1681.

25 St. Mark a sacred true Evangelist,
A Pen-man of the Glorious Acts of Christ,
The Five and twentieth day we dedicate
To God, which Ancient Times did celebrate.

15	20	6	40	9	24	Day breaks 2 h. 57 m.	11	c
25	18	6	42	10	12	Twilight ends 9 h. 3 m.	12	d
35	16	6	44	11	0	Day 13 hours and half long.	13	e
45	14	6	46	11	48		14	f
55	12	6	48	12	36	The third day keep holy praise him	15	g
65	10	6	50	1	24	still,	16	a
75	7	6	53	2	12	That set us free from Satan, Sin	17	b
85	4	6	56	3	0	and Hell.	18	c
95	2	6	58	3	53		19	d
105	0	7	0	4	45	Day 14 hours long.	20	e
114	58	7	2	5	37		21	f
124	5	7	3	6	26	Day lengthened 6 h. 35 m.	22	g
134	55	7	5	7	18		23	a
144	53	7	7	8	10	Day breaks 2 h. 25 m.	24	b
154	52	7	8	9	2	Twilight ends 9 h. 35 m.	25	c
164	50	7	10	9	53	Sun rises E N E. sets W N W.	26	d
174	48	7	12	10	45		27	e
184	46	7	14	11	37		28	f
194	44	7	16	12	28	Day 14 hours and half long.	29	g
204	42	7	18	1	2		30	a
214	40	7	20	2	11			
224	39	7	21	3	0	The 7 Stars rise Cosmically.	2	c
234	37	7	23	3	48		3	d
244	35	7	25	4	36	Day breaks 1 h. 51 m.	4	e
254	33	7	27	5	24	Twilight ends 10 h. 9 m.	5	f
264	31	7	29	6	12		6	g
274	29	7	31	7	0	Day 15 hours long.	7	a
284	27	7	33	7	48	The North Balance S. at 12.	8	b
294	25	7	35	8	36		9	c
304	23	7	37	9	24	Day lengthened 7 h. 42 m.	10	d

High-water at London-bridge.

Sun sets.

Sun rises.

May hath XXXI. days.

- New Moon the 7 day, 11 min. after 7 at night.
- First quarter the 14 day, 47 m. after 9 in the morning.
- Full Moon the 22 day, at 8 in the morning.
- Last quarter the 30 day, 41 min. past 8 in the morning.

*Sweet morning walks and Sage the minds may please,
Of those whose Bodies are in health and ease.*

1	Phil. & Jac.	21	20	28	55	h	18.44	☾	Pleasant, fair,
2	c Athanasius	22	18	11	47	u	18.9	II	and dry wea-
3	d Inven. Cru.	23	16	25	5	♂	9.13	☿	ther.
4	e Monica	24	13	8	51	♀	7.54	☾	
5	f Algive Q.	25	11	23	7	♀	0.21	☾	Fair, hot,
6	g Joh. Por. Lat.	26	8	7	45	h	19.12	☾	♂ ♀ ☾ and
7	a Stanislaus	27	6	22	43	u	19.54	II	windy.
8	b Rogat. Sund.	28	3	7	52	♂	10.46	☿	
9	c Nazianzen	29	1	23	2	♀	10.8	☾	♂ u ☾
10	d Epimachus M.	29	58	7	59	♀	5.11	☾	♂ ♀ ☾
11	e Fremond B.	0	56	22	45	h	19.42	☾	♂ h ☾
12	f Ascen. day	1	53	7	3	u	21.0	II	Seasonable
13	g Meruine V.	2	51	20	58	♂	12.31	☿	Showers.
14	a Boniface M.	3	48	4	29	♀	12.53	☾	
15	b Eusebi	4	46	17	38	♀	10.12	☾	♂ ♂ ☾
16	c Term ends	5	43	0	28	h	20.13	☾	Very hot.
17	d I Icoo Vir.	6	40	13	1	u	22.5	II	Some Thun-
18	e Sewal B.	7	38	25	21	♂	14.20	☿	der.
19	f Pudestian. V.	8	35	7	31	u	15.2	☾	
20	g Ethelbert K.	9	32	19	36	♀	15.36	☾	
21	a Godrick	10	30	1	35	h	20.47	☾	
22	b W. Widd.	11	27	13	29	u	23.13	II	Dripping
23	c Will. of Roc.	12	24	25	21	♂	16.16	☿	Showers.
24	d Joan Widd.	13	21	7	11	♀	17.31	☾	
25	e Urban	14	19	19	0	♀	23.2	☾	
26	f Eusebi W.	15	16	1	3	h	21.20	☾	Very season-
27	g Beda Pr.	16	13	13	10	u	24.21	II	able weather.
28	a Jonas Ab.	17	10	25	25	♂	18.24	☿	
29	b Euseb. Sund.	18	7	7	52	h	18.3	☾	
30	c Felix M.	19	5	20	40	♀	0.47	II	
31	d Petronilla V.	20	2	3	52	u			Hot and Dry.

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(1.) St. Philip and St. Jacob, like two Twins,
 Their memories, on this first day begins:
 'Tis a good entrance to the Month of May,
 When two such glorious Saints do lead the way.

1	10	12	4	22	7	38	Day break 8 m. aft. 1 in the morn.	11	f
2	11	0	4	21	7	39	Twilight ends 52 m. after 10 at night.	12	f
3	11	48	4	20	7	40	The North Crown South at 12.	13	g
4	12	36	4	19	7	41	The Hinder Guard South at 12.	14	a
5	1	24	4	17	7	42	Serpents neck South at 12.	15	b
6	2	12	4	15	7	43	Day is 13 hours and a half long.	16	c
7	3	0	4	13	7	44		17	d
8	4	48	4	12	7	45		18	e
9	5	36	4	11	7	46	The Sun is just East at 9 m. after 7	19	f
10	6	24	4	10	7	47	in the morn. and West 51 m. after 4.	20	g
11	6	12	4	9	7	48	Sun rises N. E. by E. and sets N. W.	21	a
12	7	0	4	7	7	49	by W.	22	b
13	7	48	4	6	7	50		23	c
14	8	36	4	5	7	51		24	d
15	9	24	4	3	7	52	Continual day, and no dark night,	25	e
16	10	12	4	2	7	53	from May 12 to July 12.	26	f
17	11	0	4	1	7	54	Day is 16 hours long.	27	g
18	11	48	3	59	8	55		28	a
19	12	36	3	58	8	56		29	b
20	1	24	3	56	8	57		30	c
21	2	12	3	55	8	58	The Bulls eye rises cosmically.	31	d
22	3	0	3	54	8	59	Day is 16 hours 30 m. long.	32	e
23	3	48	3	53	8	60		33	f
24	4	36	3	53	8	61		34	g
25	5	24	3	52	8	62		35	a
26	6	12	3	52	8	63	Hercules head south at 12.	36	b
27	7	0	3	52	8	64		37	c
28	7	48	3	51	8	65	King Charles the II. born, 1630	38	d
29	8	36	3	51	8	66	and reigned 1660.	39	e
30	9	24	3	50	8	67	Day is 16 hours 30 m. long.	40	f
31	10	12	3	50	8	68		41	g

June hath XXX. days.

- New moon the 6 day, 7 min. past 1 in the morn.
- First quarter the 12 day, 53 min. after 8 at night.
- Full moon the 20 day, 45 min. after 10 at night.
- Last quarter the 28 day, 24 min. after 6 at night.

Drinks new or sweet, Hot Spice I warn thee flee,
The Sports of Venus, and Phlebotome.

1	e	Pamphilus	20	59	17	V	41	h	22	I	6	Great wind
2	f	Corpus Ch.	21	56	1	o	36	u	25	42	II	and some
3	g	Petrus B.	22	53	16	6	3	21	6	II	thunder	
4	a	Petroch B.	23	50	1	II	1	16	58	6	III	various.
5	i	S. af. Trin	24	41	16	11	9	11	19	II	6	6
6	c	Norb. B. C.	25	45	1	6	25	h	22	36	6	6
7	d	Paulus	26	42	16	36	u	26	50	II	6	6
8	e	Wil. B. Y.	27	39	1	u	31	6	23	26	II	6
9	f	Feliciatus	28	36	16	5	2	14	10	6	6	6
10	g	Margar. Q	29	33	0	II	12	21	9	II	6	and uncer-
11	a	S. Barnabas	0	30	13	48	h	23	11	6	6	6
12	i	2 af. Trin.	1	27	27	3	u	27	57	II	6	6
13	c	Anthony	2	24	9	u	5	25	51	II	6	6
14	d	Fafr. Mag.	3	21	20	21	9	10	37	6	6	weather still
15	e	Modest. M	4	18	4	m	35	0	52	6	6	the 15 or 16
16	f	Richa B. C.	5	15	16	38	23	4	5	6	6	days.
17	g	Boro. Ab	6	12	28	32	29	5	II	6	6	
18	a	Merc C. M	7	9	10	2	24	6	28	23	II	
19	i	3 af. Trin.	8	6	22	15	9	7	30	6	6	A Spog.
20	c	Silver. P. M.	9	33	3	vy	57	2	11	7	2	Fair
21	d	Walburge	10	1	16	2	24	23	6	6	6	6
22	e	Terin. C.	10	58	28	4	u	0	12	6	6	6
23	f	Paulinus B.	11	55	9	11	6	1	2	6	6	windy
24	g	S. Joh. B.	12	52	22	24	4	26	6	6	6	
25	a	Amphibal.	13	49	4	X	47	21	25	6	6	Thunder and
26	i	4 af. Trin.	14	46	17	28	h	25	0	6	6	Goldorin
27	c	Levit. B. M	15	43	0	V	15	u	1	20	6	6
28	d	Lco 2 P.	16	40	13	24	6	3	42	6	6	Showers of
29	e	S. Pet. & Pa.	17	37	26	54	6	1	41	6	6	rain.
30	f	Com. S. Pa.	18	34	10	47	2	1	52	6	6	

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High water at London Bridge.
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(24) St. John the Baptist lost his glorious head,
The same way was (29) St. Peter stroken dead.
And may all Christians, like to them endeavour
To dye here so, that they may live for ever.

1	11	03	50	8	10	Day lengthened 84 hour 45 m.	11 a
2	11	48	3	49	8		12 b
3	12	36	3	49	8		13 c
4	1	24	3	49	8		14 d
5	2	12	3	48	8		15 e
6	3	03	3	48	8		16 f
7	3	52	3	48	8	Dragons head S. at 12.	17 g
8	4	43	3	47	8	Day lengthened 2 hours 31 m.	18 a
9	5	35	3	47	8	Longest day 16 hours 26 m.	19 b
10	6	26	3	47	8		20 c
11	7	18	3	47	8	Upon which day, the ☉ will be upon	21 d
12	8	10	3	47	8	the just East point, at 20 min. after	22 e
13	9	2	3	47	8	8 in the morn and upon the West	23 f
14	9	53	3	47	8	point, at 40 min after 3 in the af-	24 g
15	10	45	3	48	8	ternoon, and the ☉ on the same	25 a
16	11	37	3	48	8	day will rise 40 degr. from the	26 b
17	12	28	3	48	3	East towards the North, and will	27 c
18	1	20	3	49	3	set 40 degr. from the West towards	28 d
19	2	11	3	49	3	the North that is the Sun will rise	29 e
20	3	03	3	50	3	N. E. half a point Easterly, and	30 f
21	3	48	3	50	8	sets N. west half a point westerly.	
22	4	36	3	51	8	Day 16 hours 16 m. long	2 a
23	5	24	3	51	8		3 b
24	6	12	3	52	8		4 c
25	7	03	3	52	8		5 d
26	7	48	3	52	8	Day shortened 22 min.	6 e
27	8	35	3	53	8		7 f
28	9	24	3	54	8		8 g
29	10	12	3	55	8		9 h
30	11	03	3	56	8	Suns till south at 12	10 i

July hath XXXI. days

- ☾ New moon 5 day, 41 min. past 9 in the forenoon.
- ☾ First quarter the 12 day, 40 min. after 10 forenoon.
- ☾ Full moon the 20 day, 18 min. after 1 in the afternoon.
- ☾ Last quarter the 28 day, 25 min. after 2 in the morn.

Strong drinks and new refuse, they be thy Foe.
To bath in Rivers cool this July go.

1	G	Romwald	19	31	25	♂	3	h	25	38	☾	Variable
2	A	Visit Mary.	20	28	9	II	44	u	2	27	☾	and nn.
3	☾	5 aft. Trin.	21	25	24		41	♂	6	24	☾	☾
4	C	Vlricus	22	23	9	☾	46	♀	29	42	II	certain
5	D	Anselmus	23	20	24		53	♀	10	27	☾	☾ h
6	E	Sexburg. Q	24	17	9	☾	49	h	26	15	☾	☾
7	F	To Th. Can	25	14	24		28	u	3	34	☾	☾ weather all
8	G	Gramb. Ab	26	11	8	☾	35	♂	9	15	☾	☾
9	H	Edilburg Q	27	9	22		29	♂	28	41	II	the former
10	☾	5 aft. Trin.	28	6	5	☾	48	♀	18	34	☾	☾ n
11	I	Pius & M	29	3	18		40	h	26	53	☾	part of the
12	D	Henricus	30	0	1	☾	9	u	4	41	☾	moneth.
13	E	Anaclet. P.	31	57	13		22	♂	12	17	☾	
14	F	Bonavent B	1	55	25		24	♀	28	45	II	About the
15	G	Swich B. W	2	52	7	☾	12	♀	26	17	☾	15 day the
16	A	Ofmon. B	3	48	19		2	h	27	30	☾	☾ weather will
17	☾	7 aft Trl.	4	46	0	☾	51	u	5	47	☾	☾
18	C	Rosina	5	44	12		44	♂	15	7	☾	be more fixed
19	D	Dog da. B	6	41	24		45	♀	29	41	II	☾ and
20	E	Marg. V. M.	7	38	6	☾	55	♀	3	54	☾	certain only
21	F	Praxeda V	8	36	19		14	h	28	7	☾	windy.
22	G	Mary Mag.	9	33	1	☾	54	u	6	52	☾	
23	A	Apolinar B	10	30	14		24	♂	18	8	☾	☾
24	☾	8 aft. Tri.	11	28	27		15	♀	1	23	II	
25	C	Anna	12	25	10	☾	17	♀	9	4	☾	Hot and dry
26	D	James A.	13	23	23		38	h	28	45	☾	☾ weather.
27	E	Ios. Arim	14	20	7	☾	4	u	7	53	☾	
28	F	Celsus P. M	15	18	20		51	♂	21	12	☾	
29	G	Martha V.	16	15	4	II	55	♀	3	48	☾	Thunder in
30	A	Abdon M.	17	13	19		13	u	13	35	☾	several pla-
31	☾	9 aft. Tris	18	10	3	☾	49					ces.

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High water at London bridge

JULY 1681.

With *Mary Magdalen* let us begin,
To know, confess, repent, and cease to sin,
That with the Apostle (25) *James* we may arrive
At that Rest which time can ne'r us deprive.

1	11	48 3	57 8	3		11 ^c
2	12	36 3	57 8	3	Orions Girdle rises cosmically.	12 ^d
3	1	24 3	58 8	2		13 ^e
4	2	12 3	59 8	1	The Scorpions Thigh, and Vultu-	14 ^f
5	3	0 4	0 8	0	Day 15 hours long.	15 ^g
6	3	48 4	27 7	58	res heart are south at mind.	16 ^a
7	4	36 4	37 7	57		17 ^b
8	5	24 4	57 7	55		18 ^c
9	6	12 4	67 7	54	Day shortened 38 m.	19 ^d
10	7	0 4	87 7	52		20 ^e
11	7	48 4	97 7	51		21 ^f
12	8	36 4	17 49	49	☉ Rises N.E. by E. sets N. W. by W	22 ^g
13	9	24 4	127 48	48	and is East 9 min. after 7, and	23 ^a
14	10	12 4	137 47	47	West 51 min. after 4.	24 ^b
15	11	0 4	147 49	49		25 ^c
16	11	48 4	157 45	45	Day 15 hours and half long.	26 ^d
17	12	36 4	167 44	44		27 ^e
18	1	24 4	177 43	43	The Swans Tail, and the Dolphins	28 ^f
19	2	12 4	187 42	42	Head both south at 12.	29 ^g
20	3	0 4	207 40	40	Day breaks 45 m. after midn.	30 ^a
21	3	48 4	217 39	39		31 ^b
22	4	36 4	237 37	37	Twilight ends a quarter after 11.	Aug ^c
23	5	24 4	257 35	35		2 ^d
24	6	12 4	277 33	33	Day 15 hours long	3 ^e
25	7	0 4	297 31	31		4 ^f
26	7	48 4	307 30	30		5 ^g
27	8	36 4	327 28	28		6 ^a
28	9	24 4	347 26	26		7 ^b
29	10	12 4	367 24	24		8 ^c
30	11	0 4	377 23	23	The great Dog rises cosmically.	9 ^d
31	11	48 4	387 22	22		10 ^e

High water at London Bridge

Sun Rises

in 58

July hath XXXI. days

- ☾ New moon 5 day, 41 min. past 9 in the forenoon.
 ☾ First quarter the 12 day, 40 min. after 10 forenoon.
 ☾ Full moon the 20 day, 18 min. after 1 in the afternoon
 ☾ Last quarter the 28 day, 25 min. after 2 in the morn.

Strong drinks and new refuse, they be thy Foe.
 To bath in Rivers cool this July go.

1	g	Romwald	19	31	25	♂	3	h	25	38	☾	Variable
2	h	Visit Mary.	20	28	9	♂	44	♂	2	27	☾	and nn.
3	io	5 aft. Trin.	21	25	24	♂	41	♂	6	24	☾	☾
4	c	Vlricus	22	23	9	☾	46	♀	29	42	♂	certain
5	d	Anselmus	23	20	24	♂	53	♀	10	27	☾	☾ h c
6	e	Sexburg. Q	24	17	9	☾	49	h	26	15	☾	☾ u c
7	f	T. Th. Can	25	14	24	♂	58	♂	3	34	☾	☾ weather all
8	g	Gramb. Ab	26	11	8	☾	35	♂	9	15	☾	☾
9	a	Edilburg Q	27	9	22	♂	29	♂	28	41	♂	the former
10	io	5 aft. Trin.	28	6	5	☾	48	♀	18	34	☾	☾ n c
11	c	Pius. & M	29	3	18	♂	40	h	26	53	☾	part of the
12	d	Henricus	0	0	1	☾	9	♂	4	41	☾	moneth.
13	e	Anaclet. P.	0	57	13	♂	22	♂	12	17	☾	
14	f	Bonavent B	1	55	25	♂	24	♀	28	45	♂	About the
15	g	Swith B. W	2	52	7	♂	12	♀	26	17	☾	15 day the
16	a	Osmon. B	3	40	19	♂	2	h	27	30	☾	weather will
17	io	7 aft. Trl.	4	46	0	☾	51	♂	5	47	☾	☾ ☾ ☾
18	c	Rosina	5	44	12	♂	44	♂	15	7	☾	be more fixed
19	d	Dog da. be	6	41	24	♀	45	♀	29	41	♂	☾ ☾ and
20	e	Marg. V. M.	7	38	6	☾	55	h	3	54	☾	certain only
21	f	Praxeda V	8	36	19	♂	14	h	28	7	☾	windy.
22	g	Mary Mag.	9	33	1	☾	54	h	6	52	☾	
23	a	Apolinar B	10	30	14	♂	24	♂	18	8	☾	☾ ☾ ☾
24	io	8 aft. Tri.	11	28	27	♂	15	♀	1	23	♂	
25	c	Anna	12	25	10	☾	17	♀	9	4	☾	Hot and dry
26	d	James A.	13	23	23	♂	38	h	28	45	☾	weather.
27	e	Jos. Arim	14	20	7	♂	4	♂	7	53	☾	
28	f	Celsus P. M	15	18	20	♂	51	♂	21	12	☾	
29	g	Martha V.	16	15	4	☾	52	♀	3	48	☾	Thunder in
30	a	Abdon M.	17	13	19	♂	13	♀	13	35	☾	several pla-
31	io	9 aft. Tris	18	10	3	☾	49					ces.

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High water at London bridge

JULY 1681.

With *Mary Magdalen* let us begin,
To know, confess, repent, and cease to sin,
That with the Apostle (25) *James* we may arrive
At that Rest which time can ne'r us deprive.

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1	11	48 3	57 8	3		11 c
2	12	56 3	57 8	3	Orions Girdle rises cosmically.	12 d
	1	24 3	58 8	2		13 a
4	2	12 3	59 8	1	The Scorpions Toigh, and Vultu-	14 f
5	3	0 4	0 8	0	Day 15 hours long.	15 g
6	3	48 4	27 58	0	res heart are south at mind.	16 a
7	4	36 4	37 57			17 b
8	5	24 4	57 55			18 c
9	6	12 4	67 54		Day shortened 38 m.	19 d
10	7	0 4	87 52			20 e
11	7	48 4	97 51			21 f
12	8	36 4	17 49	☉	Rises N.E. by E. sets N. W. by W	22 g
13	9	24 4	127 48		and is East 9 min. after 7, and	23 a
14	10	12 4	137 47		West 51 min. after 4.	24 b
15	11	0 4	147 49			25 c
16	11	48 4	157 45		Day 15 hours and half long.	26 d
17	12	36 4	167 44			27 e
18	1	24 4	177 43		The Swans Tail, and the Dolphins	28 f
19	2	12 4	187 42		Head both south at 12.	29 g
20	3	0 4	207 40		Day breaks 45 m. after midn.	30 a
21	3	48 4	217 39			31 b
22	4	36 4	237 37		Twylight ends a quarter after 11.	Aug.
23	5	24 4	257 35			2 d
24	6	12 4	277 33		Day 15 hours 20 m.	3 e
25	7	0 4	297 31			4 f
26	7	48 4	307 30		Day 15 hours long	5 g
27	8	36 4	327 28			6 a
28	9	24 4	347 26			7 b
29	10	12 4	367 24			8 c
30	11	0 4	377 23		The great Dog rises cosmically.	9 d
31	11	48 4	387 22			10 e

Sun Rises

High water at London Bridge

August hath XXXI. days.

- ☾ New moon the 3 day, at 5 in the Afternoon.
 ☾ First quarter the 11 day, at 2 in the morn.
 ☾ Full moon the 19 day, at 2 in the morn.
 ☾ Last quarter the 26 day, 7 min. after 8 in the morn.

Take heed of Surfers, inflaming meats and spices;
 Phisick forbear, be wise in exercises.

1	c	Lamas.day.	19	8	18	38	h	29	33	☾	ome Rain
2	d	Stephanus	20	6	3	21	u	9	8	☾	☾ h a
3	e	Invent St.	21	3	18	4	☾	24	54	☾	good Harvest
4	f	Domin. C	22	1	2	35	☾	7	57	☾	weather
5	g	Festum Ni.	22	59	16	47	☾	17	35	☾	☾ ☾ ☾
6	a	Transfigura	23	56	0	31	h	0	10	☾	
7	c	10 aft. Tri.	24	54	13	56	u	10	8	☾	☾ ☾ ☾
8	c	Cyriacusm.	25	52	26	52	☾	28	3	☾	☾ ☾ ☾
9	d	Iulian	26	50	9	m	25	☾	11	43	☾
10	e	Lawren m	27	47	21	38	☾	18	10	☾	Flying clouds
11	f	Gilbe. B.C.	28	45	3	37	h	0	45	☾	
12	g	Clare V.	27	43	15	27	☾	11	6	☾	☾ ☾ ☾
13	a	Hippolitus	0	41	27	16	☾	1	15	m	☾ ☾ ☾
14	c	11 aft. Tri.	1	39	9	☾	☾	15	47	☾	inclining
15	c	Assump M.	2	37	21	1	☾	16	26	☾	to rain.
16	d	Rochus.	3	35	3	6	h	1	20	☾	
17	e	Tho.of Har.	4	32	15	23	u	12	1	☾	
18	f	Helena	5	31	27	57	☾	4	32	m	cool wind
19	g	Clin. R. m.	6	29	10	42	☾	20	5	☾	and fair
20	a	Barnar. Ab.	7	27	23	42	☾	13	23	☾	weather.
21	c	12 aft. Tri.	8	25	7	v	h	1	54	☾	☾ ☾ ☾
22	c	Time C.	9	23	20	28	u	12	56	☾	
23	d	Zacheus	10	22	3	59	☾	7	52	m	serene and
24	e	☾ ☾ ☾	11	20	17	42	☾	24	42	☾	clear air.
25	f	Lewis R G.	12	18	1	33	☾	8	41	m	
26	g	Zepherine	13	15	15	27	h	2	27	☾	
27	a	☾ ☾ ☾	14	15	29	38	u	13	49	☾	very hot
28	c	13 aft. Tr.	15	13	13	56	☾	11	14	m	☾ ☾ ☾
29	c	Decol. I. Ea.	16	12	28	10	☾	29	48	☾	☾ ☾ ☾
30	d	Tecq V.	17	10	12	32	☾	5	30	☾	some rain.
31	e	Adri. B C.	18	8	26	52					

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High water at Low
 Flying clouds
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 to rain.
 cool wind
 and fair
 weather.
 serene and
 clear air.
 very hot
 some rain.

AUGUST 1681.

(10) St. Lawrence on a Gridiron Broyled to death,
 (24) St. Bartholomew was Head and lost his breath.
 The 2 Torments they as Pleasurers did accompr,
 And now they'r mounted where their Joys fairmount.

1	12	36	4	35	7	21		11	f
2	1	24	4	40	7	20	Pegasus Mouth south at 12	12	g
3	2	12	4	43	7	17		13	a
4	3	0	4	44	7	16	Day 14 hours and half long.	14	b
5	3	48	4	46	7	14	Day breaks 15 m. aft. 2.	15	c
6	4	36	4	48	7	12	Twilight ends 4 m. aft. 9	16	d
7	5	24	4	50	7	10	☉ rises E. N. E. sets W. N. W.	17	
8	6	12	4	52	7	8		18	f
9	7	0	4	54	7	6	Day shortened 2 h. 14 min.	19	g
10	7	48	4	56	7	4		20	a
11	8	36	4	58	7	2		21	b
12	9	24	4	59	7	1	Day 14 hours long.	22	c
13	10	12	5	1	5	59		23	d
14	11	0	5	3	5	57		24	e
15	11	48	5	5	5	56	Day breaks 46 m. aft. 2.	25	f
16	12	36	5	6	5	54	Twy-light ends 13 m. aft. 9.	26	g
17	1	24	5	8	5	52		27	a
18	2	12	5	10	5	50		28	b
19	3	0	5	12	5	48	he ☉ will be due East 32 m. after	29	c
20	3	52	5	14	5	46	Day 13 hours and half long.	20	d
21	4	43	5	16	5	44	6. and due west 28 m. after 6.	31	e
22	5	35	5	18	5	42		5	f
23	6	26	5	20	5	40	Pegasus shoulder S. at 12,	2	g
24	7	18	5	22	5	38	Day shortened 3 hours 20 min.	3	a
25	8	10	5	24	5	36	☉ rises E. by N. sets West by N.	4	b
26	9	2	5	26	5	34		5	c
27	9	53	5	28	5	32	Day 13 hours long.	6	d
28	10	45	5	30	5	30		7	e
29	11	37	5	31	5	29	The ☉ is due East. 16 m. after 6.	8	f
30	12	28	5	33	5	27	and west 45 m. after 5,	9	g
31	1	20	5	35	5	25		10	a

September hath XXX. dayes.

- New moon the 2 day, 43 min. after 2 in the morn.
- First quarter the 9 day, 7 min. after 8 at night.
- Full moon the 17 day, 5 min. after 4 afternoon.
- Last quarter the 24 day, at 1 in the afternoon.

Now Phyfick may be us'd, bleed, bath, and purge,
Or whatfoe'r Necessity doth urge.

1	f	Giles Ab.	19	7	11	m	1	h	3	6	o	
2	g	Long. 100	0	5	24		2	h	14	50	o	Rain
3	h	ab. 100	1	4	8	m	3	h	15	19	m	
4	i	hou. 100	2	3	21		4	h	6	2	o	fair and
5	c	Victorinus	23	1	4	m	5	h	6	4	m	good Weather
6	d	Magnus	24	0	17		6	h	3	36	o	
7	e	Trans Dun	24	59	29		7	h	15	38	o	
8	f	Nat. B. Vir.	25	57	11		8	h	18	44	m	High Winds
9	g	Gorgonius	26	56	23		9	h	11	35	o	and flying
10	a	Nich Con.	27	55	5	v	10	h	9	35	m	clouds
11	b	15 aft. Tri	28	54	17		11	h	4	6	o	
12	c	Eanfride B.	29	53	28		12	h	16	23	o	
13	d	Amatus	0	52	11	m	13	h	22	12	m	Fair and
14	e	Ember W.	1	51	23		14	h	17	14	o	cool air
15	f	Euphemia	2	50	9	x	15	h	14	52	m	
16	g	Lampert	3	49	19		16	h	4	33	o	
17	a	16 aft. Tri	4	48	2	v	17	h	17	4	o	
18	b	Januarius	5	47	16		18	h	25	43	o	inclining
19	c	10 Januarius	6	46	0	x	19	h	22	44	o	to frost
20	d	Kaufa V.	7	45	14		20	h	22	11	m	
21	e	S. Matthew	8	44	28		21	h	4	58	o	Pleasant
22	f	Maurice	9	44	12	II	22	h	17	42	o	temperate
23	g	Tecla V.	10	43	26		23	h	29	18	m	cool weather
24	a	Winibald	11	42	10	o	24	h	28	18	o	
25	b	17 aft. Tri	12	42	24		25	h	2	3	o	
26	c	Ciprian M.	13	41	8	o	26	h	5	23	o	
27	d	Col. & Dam	14	41	22		27	h	18	16	o	Rain and
28	e	Lioba Ab.	15	40	6	m	28	h	2	53	o	
29	f	S. Michael	16	40	20		29	h	3	54	m	Wind
30	g	Jer. P. & Tr.	17	39	3	o	30	h	12	56	o	

SEPTEMBER 1681.

The blest St. *Matthews* (21) sacred memory
 Stands in this Moneth fixt to Posterity.
 The Arch-Angel (29) *Michael*, or Christ nam'd so,
 Did foil the Dragon our Souls mortal Foe,

1	2	11 5	37 6	23	Day breaks 42 m. after 3 in the mor.	11 d
2	3	0 5	40 6	20	Twilight ends 18 m. after 8 at night.	12 c
3	3	48 5	42 6	18		12 b
4	4	36 5	44 6	16	Day is hours and half long	13 b
5	5	24 5	45 6	15		14 E
6	5	12 5	47 6	13	Day shortened 4 hours	15 f
7	7	0 5	49 6	11		16 g
8	7	48 5	50 6	0	Andromeda's Head, and Cassiopea's	17 a
9	8	36 5	51 6	9	Chair both south at 12.	18 b
10	9	24 5	53 6	7		19 c
11	10	12 6	55 6	5		20 d
12	11	0 6	58 5	2	Sun rises exactly East and	21 e
13	11	48 6	0 5	0	equal day and night 12 hours	22 f
14	12	36 6	2 5	58	Sun sets due West.	23 g
15	1	24 6	4 5	56		24 a
16	2	12 6	6 5	54	Day breaks 8 m. after 4 in the morn.	25 b
17	3	0 6	8 5	52	Twilight ends 52 m. after 7 at night.	26 c
18	3	48 6	10 5	50	Day shortened 4 hours and half	27 d
19	4	36 6	12 5	48		28 E
20	5	2 6	14 5	46		29 f
21	5	12 6	16 5	44	Day is hours and half long	30 g
22	7	0 6	18 5	42		10 c
23	7	48 6	20 5	40		2 b
24	8	36 6	22 5	38	Day breaks 50 m. after 4 in the mor.	3 c
25	9	24 6	24 5	36	Twilight ends 30 m. after 7 at night	4 d
26	10	12 6	26 5	34	Andromeda's Should south at 12.	5 E
27	11	0 6	28 5	32		6 f
28	12	48 6	30 5	30		7 g
29	12	36 6	32 5	28		8 a
30	1	24 6	34 5	26	Cassiopeas Knee south at 12.	9 b
						10 c

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Weather

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October hath XXXI. days.

- New moon the 1 day, 9 min. past 3 in the afternoon.
- First quarter the 9 day, 20 min. past 3 in the aftern.
- Full moon the 17 day, at 4 in the morning.
- Last quarter the 23 day, at 8 at night.
- New moon the last day, 43 min. after 6 in the morn.

Now Phisicks help do not refuse,
If thou it want, and carefully canst use.

1	a	Remigius	18	39	16	=	57	5	44	al	d 2 4
2		18 aft. Tri.	19	38	0	m	1	4	18	46	5
3	c	Gerard A.	20	38	12		51	3	6	28	1
4	b	Franciscus	21	38	25		17	9	9	36	High
5	e	Planoid. m.	22	37	7	2	33	8	22	15	1
6	f	Bruno Con.	23	37	19		32	h	6	2	2
7	g	Mark. G.	24	37	1	v	24	1	19	14	5
8	a	Demetr. m.	25	37	13		1	10	10	4	2
9		19 aft. Tri.	26	37	25		1	10	15	18	m
10	c	Paulin B.Y.	27	36	6	m	55	8	1	25	m
11	d	Binchardus	28	36	9		1	h	6	17	1
12	e	Wilfr. B.Y.	29	36	1	x	23	1	19	38	5
13	f	Edward E.	30	36	14		6	13	13	44	7
14	g	Calix. m.	1	36	27		12	9	21	9	m
15	a	Teresa. V.	2	36	10	v	43	9	12	10	m
16		20 aft. Tri.	3	37	24		25	h	6	32	1
17	c	Andrew V.	4	37	8	x	54	1	19	57	5
18	d	S. Luk. E.	5	37	23		21	1	17	27	7
19	e	Fridisw V.	6	37	7	II	59	8	27	0	m
20	f	Winde. A.	7	37	22		33	8	19	21	m
21	g	Ursul. V.m.	8	38	7		6	h	6	45	1
22	a	Cord. V.m.	9	38	21		27	1	20	9	1
23		21 aft. Tri.	10	38	5	1	34	1	21	12	1
24	c	Isidore B.	11	39	19		28	2	2	54	1
25	d	Crispinus	12	39	3	m	10	8	25	36	m
26	e	Evaristus	13	39	15		32	h	6	54	m
27		Ivo Confes	14	40	29		54	1	20	15	1
28	g	S. Martin	15	40	13	II	1	2	24	57	5
29	a	Eadif B. C.	16	41	25		5	8	8	45	7
30		22 aft. Tri.	17	41	8	m	5	8	2	51	7
31	c	Boila. B.m.	18	42	21		12				7

Black Frost.

Rain and wind

Cold and cloudy

OCTOBER 1681

(18) St. *Luke*, who did the Glorious Gospel Write,
 And the Acts of all the Apostles well Endite;
 (28) St. *Simon* and St. *Judas*, all these Three
 In this month (by the Church) remembered be.

1	2	12	6	36	5	24	Day breaks at 47 m. aft. 4 Morn.	11	d
3	3	0	6	38	5	22	Twy-light ends 13 m. aft. 7 N.	12	e
3	3	48	6	40	5	20		13	f
4	4	36	6	42	5	18	Day shortened 5 hours 30 m.	14	g
5	5	24	6	44	5	16		15	a
6	6	12	6	46	5	14	Day 10 hours and half long.	16	b
7	7	0	6	48	5	12		17	c
8	7	48	6	50	5	10		18	d
8	8	36	6	52	5	8	The Rams horn S. at 12	19	e
10	9	24	6	54	5	6		20	f
11	10	12	6	56	5	4	Day shortened 6 h. 18 m.	21	g
12	11	0	6	58	5	2		22	a
13	11	48	7	0	5	0	The Rams head South at 12	23	b
14	12	36	7	24	58		Day 10 hours long.	24	c
15	1	24	7	44	56			25	d
16	2	12	7	64	54		Day breaks 4 m. aft. 5 Morn.	26	e
17	3	0	7	84	52		Twilight ends 55 m. aft. 6 N.	27	f
18	3	48	7	104	50			28	g
19	4	36	7	124	48		Day shortened 6 hours 46 m.	29	a
20	5	24	7	144	46		Sun rises E.S.E. sets W.S.W.	30	b
21	6	12	7	164	44			31	c
22	7	0	7	174	43		Day 9 hours and half long.		N
23	7	48	7	194	41			2	e
24	8	36	7	204	40			3	f
25	9	24	7	224	38			4	g
26	10	12	7	244	36		The 7 Stars rise Achronically	5	a
27	11	0	7	264	34		Day shortened 7 h. and 2 quarters.	6	b
28	11	48	7	284	32		The Whales jaw and Medusae	7	c
29	12	36	7	304	30		head are both S. at 12	8	d
30	1	24	7	324	28		Day 9 hours long.	9	e
31	2	12	7	334	27		Perseus right side S. at 12.	10	f

High water at London bridge

Sun Rises

Sun Sets

November XXX. days.

- ☾ First quarter the 8 day, 38 min. after 10 before noon.
 ☾ Full moon the 15 day, 8 min. past 3 in the afternoon.
 ☾ Last quarter the 22 day, 50 min. after 5 in the morn.
 ☾ New moon the 30 day, at 1 in the morning.

Choose hot and wholesome drinks, and meats likewise,
 Avoid hot baths, use honest exercise.

1	d	All Sales	19	43 3	232	h	7	1	☾	☾ ☾ ☾
2	p	All Souls	20	43 15	42	h	20	18	☾	Sharp and
3	f	Winef. V.M.	21	44 27	40	☾	29	29	☾	☾ ☾ ☾
4	s	Agricola M	22	44 9	☾	☾	16	0	☾	cold Wind
5	a	Powd. Plo.	23	45 21	20	☾	10	3	☾	☾
6	☾	23 S. aft. Tr.	24	46 3	☾	h	7	4	☾	snow, fleet,
7	c	Wildebrod	25	47 15	42	h	20	15	☾	or drifting
8	d	Claudius	26	47 27	10	☾	3	19	☾	☾ ☾ ☾
9	c	Ded. Eccl. Sa	27	48 9	☾	☾	21	54	☾	rain
10	f	Triph. & c. M.	28	49 22	7	☾	17	8	☾	☾
11	s	Martin B. C.	29	50 5	☾	h	7	3	☾	☾
12	a	Mar. P. & c. M.	0	51 18	39	h	20	7	☾	seasonable
13	c	24 S. aft. Tri.	1	52 2	42	☾	7	9	☾	dry, but
14	d	Laurence	2	53 17	8	☾	28	0	☾	cold air
15	c	Leopaldus	3	54 1	☾	☾	24	3	☾	☾
16	f	Edmo. B. Ca	4	55 16	50	h	6	58	☾	variable
17	s	Thanmaturg	5	56 1	☾	☾	19	54	☾	☾ ☾ ☾
18	a	Ded. Ec. S P.	6	57 16	45	☾	11	0	☾	☾ ☾ ☾
19	c	Ponti. P. M	7	58 1	☾	☾	4	5	☾	☾ ☾ ☾
20	d	25 S. aft. Tri.	8	59 15	53	☾	29	1	☾	and un.
21	c	Present. Mar	10	0 0	☾	h	6	51	☾	☾ ☾ ☾
22	d	Cecilia Virg	11	1 13	38	h	19	37	☾	certain
23	c	Clem. P M.	12	2 26	45	☾	14	51	☾	weather for
24	f	Chrysogon.	13	3 10	☾	☾	10	17	☾	many days
25	s	Kather. V. M.	14	4 22	51	☾	1	34	☾	☾
26	a	Peter B. Ale.	5	5 5	☾	h	6	42	☾	frost to
27	c	Ad. Sund.	16	6 17	51	h	19	12	☾	☾ ☾ ☾
28	d	Two ends.	7	7 0	☾	☾	18	44	☾	☾ ☾ ☾
29	c	Saturnus.	18	9 11	42	☾	16	29	☾	the month
30	d	S. and. day	19	10 24	15	☾	0	6	☾	end.

NOVEMBER 1681.

Of (1) All Saints blest, and cursed (5) Powder Plot
Must never be by Protestants forgot.
30) St. Andrew ends as All Saints did begin,
And may we (as they did) Salvation win.

1	3	07	34	4	26	Day breaks 37 m. after 5 in the mor.	11	g	
2	3	48	7	36	4	24	Twilight ends 23 m. at 6 at night.	12	a
3	4	36	7	38	4	22	Day shortened 7 h. 42 m.	13	b
4	5	24	7	39	4	21		14	c
5	6	12	7	40	4	20	The great Dog sets cosmically.	15	d
6	7	07	7	42	4	18		16	e
7	7	48	7	43	4	17	Perseus Foot south at 12.	17	f
8	8	36	7	45	4	15	Day 8 hours and a half long.	18	g
9	9	24	7	46	4	14		19	a
10	10	12	7	48	4	12	Day shortened 8 h. 2 min.	20	b
11	11	07	7	49	4	11	☉ Rises S. E. by E. & sets S W by W.	21	c
12	11	48	7	50	4	10	The seven stars set cosmically.	22	d
13	12	36	7	52	4	8	The Bulls eye sets cosmically	23	e
14	1	24	7	53	4	7	No absolute day but all Twilight	24	f
15	2	12	7	55	4	5	Twilight ends, 13 m. after 6 at night	25	g
16	3	07	7	56	4	4		26	a
17	3	52	7	57	4	3		27	b
18	4	43	7	58	4	2		28	c
19	5	35	7	59	4	1	Day 8 hours long.	29	d
20	6	26	8	04	0	0		30	e
21	7	18	8	13	59	59	The Bulls eye rises Achromically.	Dec.	
22	8	10	8	23	58	58	Day shortened 8 h. 34 m.	2	g
23	9	02	8	33	57	57		3	i
24	9	53	8	43	56	56		4	b
25	10	45	8	53	55	55		5	c
26	11	37	8	63	54	54		6	d
27	12	28	8	63	54	54		7	e
28	1	20	8	73	53	53	Orions Foot south at 12.	8	f
29	2	11	8	83	52	52		9	g
30	3	03	8	93	51	51	Orions Shoulder south at 12.	10	a

December hath XXXI. days.

First quarter the 8 day, 36 min. after 4 in the Morn

Full moon the 15 day, 52 min. after 1 in the morn.

☾ Last quarter the 21 day, 8 min. after 7 at night.

● New moon the 29 day, 26 min after 6 at night.

At Cards, or Dice now maist thou freely Play,
For Recreation, not thy State away.

1	f	Daniel B.	20	11	6	☿	9	h	6	32	☿	
2	g	Bibiana V.	21	12	18		2	u	18	43	☿	
3	a	Lucius K.	22	13	29		52	♂	22	38	☿	Frosty and
4			23	15	12	☿	0	♀	23	1	m	fair Weathers
5	c	Sabbns A. B.	24	16	23		43	♀	24	25	f	
6	d	Nicholaus	25	17	5	☿	45	h	6	17	☿	begins the
7	e	Ambrose	26	18	18		4	u	18	11	☿	month, and
8	f	Concep M.	27	20	0	☿	29	♂	26	33	☿	continues so
9	g	Leocadia	28	21	13		38	♀	29	12	m	to the 10 or
10	a	Malchiades	29	22	27		1	♀	18	13	♀	12 day.
11		in Advent	0	23	10	☿	54	h	6	2	☿	
12	c	Elfrede V.	1	25	25		14	u	17	35	☿	
13	d	Lucia V.	2	26	9	☿	59	♂	0	28	☿	
14	e	Mimborine	3	27	25		3	♀	5	13	♀	Rain.
15	f	Ember w.	4	29	10	☿	16	♀	15	30	♀	
16	g	Ananias.	5	30	25		27	h	5	42	☿	
17	a	O Sapiencia	6	31	10	☿	33	u	16	52	☿	
18		in Advent	7	33	25		64	♂	4	24	☿	snow and
19	c	Nemethins	8	34	10	☿	14	♀	11	25	♀	turbulent
20	d	Julianus	9	35	23		21	♀	16	43	♀	Wind.
21	e	THOMAS	10	37	6	☿	49	h	5	22	☿	
22	f	Hildelide V	11	38	19		51	u	16	15	☿	
23	g	Victoria V	12	39	2	☿	32	♂	8	22	☿	Dark foggy
24	a	Adam & Ev.	13	40	14		50	♀	17	39	♀	and Cloudy
25		Christ nat.	14	42	29		8	♀	20	32	♀	air.
26	c	S. Stephen	15	43	9	☿	12	h	5	0	☿	
27	d	E. John Ev.	16	44	21	☿	22	u	15	32	☿	
28	e	H. Innocen.	17	45	3		5	♂	12	20	☿	
29	f	Tho. Can.	18	47	14		55	♀	23	54	♀	rain.
30	g	Eustacius	19	48	26		48	♀	25	53	♀	
31	a	Silvester	20	49	8	☿	42					

DECEMBER 1591

(21) St. Thomas, and our Saviour (25) Jesus Christ,
(26) St. Stephen, and (27) St. John the Evangelist;
And (28) the Innocents their days do hallow,
And as they led the Way, God grant us follow.

1	3	48 ¹⁸	103	50	First \uparrow in Orions Girdle \circ at 12	11b
2	4	35 ¹⁸	113	49	Twilight ends at 6 at night	12c
3	5	24 ¹⁸	123	48	Day shortened 8 hours 45 min.	13d
4	6	12 ¹⁸	123	48		14e
5	7	08	133	47	Wagoners \circ boulder \circ 12	15f
6	7	48 ¹⁸	133	47	Orions right \circ boulder \circ 12	16g
7	8	36 ¹⁸	133	47	Of mirth now take thy fill.	17a
8	9	24 ¹⁸	133	47	For mirth with measure can produce	18b
9	10	12 ¹⁸	133	47	no ill.	19c
10	11	08	133	47	Day shortened 8 h. 42 m.	20d
11	11	48 ¹⁸	133	47	Shortest day 7 h. 31 m. long.	21e
12	12	36 ¹⁸	133	47	The \odot rises \circ E. half a Point Ea-	22f
13	1	24 ¹⁸	133	47	sterly, and sets S. W half a point	23g
14	2	12 ¹⁸	133	47	Westerly, having amplitude from	24a
15	3	08	133	47	the East and West southerly 4 de-	25b
16	3	48 ¹⁸	133	47	grees his meridian altitude being	26c
17	4	39 ¹⁸	123	48	only 4 degrees, and so the reflex	27d
18	5	24 ¹⁸	113	49	of his beams can yield but little	28e
19	6	12 ¹⁸	103	50	heat to the inhabitants of these	29f
20	7	03	93	51	Northern climates.	30g
21	7	48 ¹⁸	83	52		31a
22	8	36 ¹⁸	73	53		32b
23	9	24 ¹⁸	63	54	Fest not the rich ones.	2b
24	10	12 ¹⁸	53	55	but the Neighbours poor,	3c
25	11	08	53	55	So God will bless thee and	4d
26	11	48 ¹⁸	43	56	increase thy store.	5e
27	12	36 ¹⁸	43	56	Day lengthened 28 min.	6f
28	1	24 ¹⁸	33	57	Castor South at 12 o'clock.	7g
29	2	12 ¹⁸	33	57		8a
30	3	08	23	58	Little Dog South at 12	9b
31	3	48 ¹⁸	23	58	Great Dog South at 12	10c

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inhabitants
of
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The Dominion of the Moon over the Parts of Mans

Head and Face.

♄ Neck and throat
♄ Breast, stomack and ribs
♊ Bowels and belly
♏ Secret members
♊ Knees



♊ Arms and shoulders
♌ Heart and back
♋ Reins and loyns
♐ Thighs
♏ Legs
♋ Feet

♊ The eager Ram rules both the Head and Face ;
♄ The Neck and Throat is fullen Taurus's place,
♊ Resembling Twins the Arms and Shoulders guide,
♄ The slow-pac'd Crab, the breast, the spleen, and side.
♌ The Heart and Back's the gen'rous Lion's share,
♊ The Bathful Maid of Belly and Bow'ls takes care,
♏ To the just Ballance Reins and Loyns belong,
♏ The Secret's govern'd by the Scorpion.
♐ The ivory Thighs the Archer doth affect ;
♄ The Goat our complemental Knees protect,
♊ The nimble Legs t' Aquarius lot doth fall ;
♋ The active Feet to Pisces, and there's all,

Thus doth the vertue of these Signs superiour,
Rule o're the Bodies of poor Wights inferiour ;
But both are govern'd by God's sovereign might,
He's happy then that understands them right,

Sapiens dominabitur Astris.

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Bowker, 1681.

*A Table for the Purchase of Leases of
Land, or Houses, ready cast up at
5 l. 6 l. 8 l. and 10 l. Per Cent.
Compound Interest.*

	At V Per Cent.		At VI Per Cent.		At VIII Per Cent.		At X Per Cent.	
	Years	Mon.	Years	Mon.	Years	Mon.	Years	Mon.
<i>The Number of Years to be Purchased</i>	1	6	11	0	11	0	11	0
	2	1	10	1	10	1	9	1
	3	2	9	2	8	2	7	2
	4	3	7	3	6	3	4	3
	5	4	4	4	3	4	0	3
	6	5	1	4	11	4	7	4
	7	5	9	5	7	5	2	4
	8	6	6	6	2	5	9	5
	9	7	1	6	10	6	8	5
	10	7	9	7	4	6	9	6
	11	8	4	7	11	7	2	6
	13	9	5	8	10	7	11	7
	15	10	5	9	8	7	7	7
	17	11	3	10	6	9	1	8
	19	12	1	11	2	9	7	8
	21	12	10	11	9	10	0	8
	23	13	6	12	4	10	4	9
	25	14	1	12	9	10	8	9
	27	14	2	13	3	10	11	9
	29	15	2	13	7	11	2	9
	31	15	7	13	11	11	4	9
	41	17	1	15	1	11	11	9
	51	18	3	15	9	12	3	9
	61	18	11	16	2	12	4	10
	71	19	4	16	5	12	5	10
	81	19	7	16	6	12	6	10
	91	19	9	16	7	12	6	10
Fee.	20	0	15	8	12	6	10	0

C

A

A Table of Interest at 6 per Cent.

Lib.	.Month			2. Months			3 Months			4. Months			6. Months		
	li.	sh.	d.	li.	sh.	d.	li.	sh.	d.	li.	sh.	d.	li.	sh.	d.
1000	5	0	0	10	0	0	15	0	0	20	0	0	30	0	0
500	2	10	0	5	0	0	7	10	0	10	0	0	15	0	0
400	2	0	0	4	0	0	6	0	0	8	0	0	12	0	0
300	1	10	0	3	0	0	4	10	0	6	0	0	9	0	0
200	1	0	0	2	0	0	3	0	0	4	0	0	6	0	0
100	0	10	0	1	0	0	1	10	0	2	0	0	3	0	0
00	0	9	0	0	18	0	1	7	0	1	16	0	2	14	0
80	0	8	0	0	16	0	1	4	0	1	12	0	2	8	0
70	0	7	0	0	14	0	1	1	0	1	8	0	2	2	0
60	0	6	0	0	12	0	0	18	0	1	4	0	1	16	0
50	0	5	0	0	10	0	0	15	0	1	0	0	1	10	0
40	0	4	0	0	8	0	0	12	0	0	16	0	1	4	0
30	0	3	0	0	6	0	0	9	0	0	12	0	0	18	0
20	0	2	0	0	4	0	0	6	0	0	8	0	0	12	0
10	0	1	0	0	2	0	0	3	0	0	4	0	0	6	0
0	0	0	10	0	1	9	0	2	7	0	3	7	0	5	0
8	0	0	9	0	1	7	0	2	4	0	3	2	0	4	0
7	0	0	8	0	1	4	0	2	0	0	2	9	0	4	0
6	0	0	7	0	1	2	0	1	9	0	2	4	0	3	0
5	0	0	6	0	1	0	0	1	6	0	2	0	0	3	0
4	0	0	5	0	0	9	0	1	2	0	1	0	0	2	0
3	0	0	4	0	0	7	0	0	10	0	1	2	0	1	0
2	0	0	3	0	0	5	0	0	7	0	0	9	0	1	0
1	0	0	2	0	0	4	0	0	6	0	0	4	0	0	0

The Use of this Table.

Example, To find the Interest of 70 l. for 6 months: Find 70 in the first Column, and right against it, in the Column of 6 months, is 2 l. 2 s. and so much is the Interest. For the Interest of the same sum in 9 months, look for the Interest in 4 months, which is 1 l. 1 s. this add to the Interest for 6 months, the sum is 3 l. 3 s. the Interest of 70 l. in 9 months. Also to find the Interest of 75 l. for 3 months: First, look the Interest of 70 l. for 3 months, which is 1 l. 1 s. Likewise the Interest of 5 l. for 3 months, is 1 s. 6 d. this added to 1 l. 1 s. maketh 1 l. 2 s. 6 d. which is the Interest of 75 l. for 3 months. O

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BOWKER, 1681.

OF THE

FOUR QUARTERS,

Or SEASONS of this

YEAR 1681.

Of the *Vernal* or *Spring Quarter*.

THis Quarter commenceth upon Wednesday the 9th of March, at 35 min. after 8 at night, at which time the Sun enters into the first scruple of the Northern Æquinoctial Sign *Aries*, making the days and nights to be of equal length all the World over; except in the two Frigid Zones, where they have continual day, and consequently continual night for many Weeks or Months together, according as they are removed from either Pole. — The proper nature and quality of this Quarter is *hot* and *moist*: *Hot* in respect of the Sun's ascending, and *moist* in respect of the Winters vicinity.

*Now do the Birds begin to warble forth
Sweet Notes, to welcome Phebus to the North:
He to requite them, cloatheth with rich green,
All Trees and Plants which erst were russet seen:
And by his quickning vertue, doth produce
A new supply of all things for man's use.*

Of the *Festival* or *Summer Quarter*.

THis Quarter taketh its beginning upon Friday the 10th of June, at 50 m. after midnight; the Sun having then arrived to his farthest Northern Declination, and is entering into the Northern Tropical Sign *Cancer*; making the days longest, and the nights shortest, to all the Northern Inhabitants of the World; and the contrary to those that possess the Southern Hemisphere. The Nature of this Season is *hot* and *dry*.

Bowker, 1681.

Now do the Fields with barded Grain waxe white,
And Husbandmen o' joy'd to see the sight:
Unsluggard, sleep not, make ye haste to Hay;
Nor Titan b'at'ch, work without delay.
For careful Husbande, that intend to thrive,
Must with the Bee, bring Honey to the Hive.

Of the Autumnal or Haruest Quarter.

Autumn begins this year upon Monday the 12th of September, at 51 min. after 2 in the Afternoon, the Sun at that time entering into the Southern Equinoctial Sign Libra, making again the day and night of equal length all the World over; and is now beginning to take his Journey Southward towards the Antarctic Pole. This Quarter is naturally cold and dry

Now Sol from his Imperial Throne descendeth,
And towards th' Antartick Pole his Journey bendeth:
At whose departure, every Plant and Tree,
For grief, doth cast aside its bravery.
And sadly mourning, cannot like nor thrive,
Till he return, and them again revive.

Of the Hyemnal or Winter Quarter.

The Winter Quarter begins this year upon Sunday the 11th of December, 40 min. after 2 in the morning; the Sun being then arrived to his greatest Declination from the Equinoctial Southward, and is entred into the Southern Tropical Sign Capricorn; making the shortest days and longest nights to the Northern, and the contrary to the Southern Inhabitants. This Quarter is naturally cold and moist.

See how the silly sapless Trees do shiver,
For want of Kingly Sol their comfort giver;
And how Dame Flora in her Mother Earth,
Doth shroud her self from blust'ring Boreas's breath:
And dares not peep, until he back return
To quicken Mortals, dead with Hyem's spurn.

Bowker, 1681.

Of the Eclipses this Year 1681.

T Here will be Four Eclipses this Year, Two of the Sun and as many of the Moon; of which only One, and that of the Moon, will be seen by the Inhabitants of these *British Islands*.

The First Eclipse is of the *Moon*, and happeneth upon the 22th of *February*, at 11 before Noon, and so cannot be seen of us; but will be visible to our *Antipodes*, near their *Meridian*.

The Second is of the *Sun* upon the 10th of *March*, about 1 in the Morning; this cannot be seen of us neither; but it will be conspicuous to our *Antipodes* also.

The Third will be a Visible and Total Eclipse of the *Moon*, and it will happen upon the 19th of *August*. It will

Begin 40 min. after Midnight.

The Middle or greatest Darkness (for it will be totally darkened) will be at 22 min. after 2 in the Morning.

The End will be at 4 min. after 4 in the Morning.

The whole Duration of the Eclipse, from the Beginning to the End, will be 3 hours 24 min.

The Fourth Eclipse will be of the Sun, on the 2 of *September*, near 3 in the Morning, and so cannot be seen of us; the Sun being then under our Horizon.

Bowker, 1681.

*An Account of the Common Notes and
Moveable Feasts mentioned in the Kalen-
dar every Year, and the reason of their
Constitution and Observation.*

I. Of the Common Notes.

THe Common Notes are, (1) *Annis Numeris*, or, *The Golden Number*. (2) *Epaclus*, or the *Epacl.* (3) *Cyclus Solis*, *The Circle of the Sun*.

1 *The Golden Number* is the Periodical Revolution of 19 Years, in which time, the Ancients did suppose that all the Conjunctions and other Aspects, between the *Sun* and *Moon*, did return and happen in the same Signe and Degree of the Ecliptick in which they were 19 years before; but that supposition hath been found to vary: for there is an Anticipation of an hour and a half in that time. This Circle is called *Decem-novennis Circulus*, whose XIX several parts are called *The Golden Number*, for the excellent use it hath in finding out of things relating to the Moons Motion, so that it was sent to Rome Written in *Golden Letters* upon a *Table of Silver*.

2. The *Epacl.* This Number never exceedeth 30, and riseth from the excess of the common *Solar Year* above the common *Lunar Year*; the one containing 365 days, and the other but 354 days: from which difference of Eleven days cometh the *Epacl.*, which is added to the *Lunar Year*, to make it equal to the *Solar*; from hence cometh the word *Epacla*, which the Greeks call *επαγγελ*; which signifies *intercalare*, vel *Addere*, for 11 added to the *Epacl.* of any Year, giveth the *Epacl.* for the Year ensuing, if under 30, if above 30 must be abated.

3. *Cyclus Solis*, *The Circle of the Sun*. This Circle is Revolved once in 28 years, and it was invented rather to find thereby the *Dominical* or *Sunday Letter* in every Year of its Revolution, then to shew any changes of the *Suns Motion*: For in 28 years is contained the varieties and changes the *Dominical* or *Sunday Letters* can have.

II. Of

II. Of the Moveable Feasts and Fasts, are,

1 *Septuagesima* , so called of 70, which the Church observes in commemoration of the 70 days that the Israelites were under the Babylonish Servitude.

2 *Sexagesima* was another Week which the Ancients added to the former Fast.

3 *Quinquagesima* , commonly called *Shrove Sunday* , is 30 days before *Easter*. It is also called *Esto mihi* , from *Psal.* 30 3. *Esto mihi in Deum p. ot. et. et. &c.* And because there are but 36 days , besides Sundays , in the *Quadragesimal Fast* , which begins the next Sunday following , there are some days of this Week added , namely *Wednesday* , *Thursday* , *Friday* , and *Saturday* , to make them up 40.

4 *Quadragesima* , is Celebrated 40 days or Six Weeks before *Easter* (which is called the time of *Lent* :) And this Fast the Church observes (1) In Remembrance of the 40 days that *Moses* Fasted when he received the Divine Law. (2) In Imitation of the 40 days that *Elias* Fasted. (3) And Principally , in Commemoration of the 40 days that our Saviour Fasted , before the Tempter came. This Fast of *Lent* , is also called *Invocavit* , from *Psal.* 90. 15. *Invocavit me , & ego exaudium eum.*

5 *Dies Cinerum* , called commonly *Ash Wednesday* , was so dedicated by *Gregory* the Great ; because on that day the Priests used to sprinkle Ashes upon the Heads of the People , to put them in mind of their Mortality ; uttering these Words , *Memento Homo quod Cineres , & in cinerem reverteris* , &c. And this day is the head and beginning of the *Quadragesimal Fast*.

6 *Reminiscere* , from the Words of the 25 *Psal.* , ver. 6. *Reminiscere miserationum tuarum Domine & misericordium in tuarum , quia à saeculo sunt.*

7 *Oculi* , from the 15 and 16 Verses of the same *Psal.* *Oculi mei semper ad Dominum , &c.*

8 *Judica* . from the 1, 2 and 3 Verses of the 43 *Psal.* *Judica me Deus , & discerne causam meam , &c.*

9 *Dominica Magna*, *ſea Pabavum*, or the great *Lords Day*, St. *Chriſtoſtome* gave it this Name, becauſe of the ineffable good things which beſel the faithful in the following Week: *Death being aboliſhed, Malediction taken away,* and the *Tyranny of the Devil looſed by the death of Chriſt*. It hath alſo the name of *Palm Sunday*, from the Branches of *Palms*, which the Jewish People ſtrewed on the ground when our Saviour entered into the City of *Jeruſalem*.

10 The Wednesday after is the *Council Day* of the Scribes and Pharifees, when they moſt wickedly conſpired the death of our Bleſſed Saviour; *Math. 26. ver. 3. Tunc congregati ſunt Principes, Sacerdotes, &c.*

11 The next day, being *Thursday*, is the day of preparation of the *Legal Paſſover*, in the Evening whereof was the Inſtitution of the Supper. This is called alſo *Maundy Thursday*, from *Mandate*, in Imitation of our Saviour, who as on this Night after the *laſt Supper*, and before his Inſtitution of the *Sacrament*, waſhed his Diſciples Feet, *John 13. 5.* After which he gave them this *Mandate*, *John 13. 34. Mandatum novum do vobis, ut diligatis invicem, ſicut dilexi vos.*

12 The next day is *Good Friday*, being the day of the *Paſſion and Croſs* of *Chriſt*, whereon he ſuffered for the Sins of the whole World.

13 The Sunday following is celebrated the *Pascal Feaſt*, or *Feaſt of Eaſter*, in memory of the *Reſurrection* of our Saviour.

Immediately after *Eaſter* follows

14 The *Quinquageſſimal Time*, or interval of 50 days between *Eaſter* and *Pentecoſt* or *Whiſunday*. Which time was kept by the Primitive Chriſtians with great joy, as one Entire *Feaſt* and *Solemnity* in Remembrance of the glorious *Reſurrection* and *Ascenſion* of *Chriſt*, and *Miſſion* of the *Holy Ghoſt*.

It containeth Six Sundays, viz.

15 *Low Sunday*, or rather *Quaſimodogeniti*, from *1 Pe. 2. 2.* It is alſo called *Dominica in Albis*, becauſe

cause that as the Angels appeared at the Resurrection in White and Shining Garments: And so of old, such as were Baptized on Easter day, did wear all the week after White Garments.

16 *Miserecordia*, from Psalm 32. 5, 6. *Miserecordia Domini plena est Terra*, &c.

17. *Jubilate*, from the Entrance of the 65 Psalm. 1. *Jubilate Deo omnis Terra*, &c.

18 *Cantate*, from the Entrance of Psalm 97. 1. *Cantate Domino canticum novum*, &c.

19 *Vocem jucunditatis*, from the like Entrance it is also called *Dominica Rogationum*, *Rogation Sunday*, and all the Week following *Rogation Week*; in which Week *Perambulations* or *Processions* are made in every Parish, to view the bounds and limits of the same.

20 On the Thursday following is Celebrated the Feast of the *Ascension of our Lord*, which is the Consummation of all he did whilst he was upon Earth, and is therefore termed *Felix clausula totius itinerarii Filii Dei*.

21 *Exaudi*, from those Words Psalm 27. v. 2. *Exaudi Domine*, &c.

22 The Sunday following is the Solemnity of *Pentecost*, which as it was of old celebrated by the Jews the Fiftieth day after the *Passover*, in Memory of the *Divine Law* promulgated in Mount *Sinai*; so it is now observed by us Christians, the 7th Sunday after *Easter*, to Commemorate the *Mission* of the *Holy Ghost* on this day; who is the best Interpreter of the *Divine Law*.

22 On the Sunday following is Celebrated the Feast of the *Holy Trinity*, which was Instituted by *Gregory* the 4th. Anno. 827, in Honour of the *Holy Trinity*.

23 The next Thursday is Celebrated the Festivity of the *Body of Christ*, commonly called *Corpus Christi*, which *Urban* the 4th B. of *Rome* Instituted about the Year of Christ 1264.

24 Lastly, The Four Sundays, which next and immediately precede the *Nativity of Christ*, are called the *Sundays of Advent*: The First of them is Celebrated in

Remembrance of the *Entrance of the Messiah into Jerusalem*. The Second from his coming to *Judge the World* at the last day. The Third from his coming to the *Miriftery*, whose fore-runner was *John*. The Fourth for a Preparation to the coming of *Christ*.

Thus have you a brief account of the signification of the several *Movable Fasts* and *Fasts Solemnised* by Christians throughout the Year.

*A Discourse concerning the Poetical
Rising and Setting of the Fixed Stars.*

V I Z.

The { *Cosmical*
Achronical } *Rising and Setting.*
Heliacal

I. Of the Cosmical Rising and Setting.

A Star is said to rise *Cosmically*, when it riseth when the Sun riseth, or with that degree of the *Ecliptick* in which the Sun then is. — The *Cosmical* setting, is when a Star setteth in the morning, or goeth down under the West Horizon in the morning, at such time as the Sun is rising in the East.

II. Of the Achronical rising and setting.

A Star is said to rise *Achronically*, when it rises in the Eastern part of the Horizon, at such time as the Sun is setting (or going down) in the Western part of the Horizon. —

The

The Achronical setting is when a Star setteth or goeth down with the Sun.

III. Of the Heliacal rising and setting.

A Star is said to rise Heliacally, when having been sometime Combust (or hid under the Sun beams) begins now to appear, it being at a greater distance from the Sun. And --- A Star is said to set Heliacally, which hath some small time before been seen, but now (by its near approach to the Sun) becomes Combust and hidden under the Sun beams.

Now to know when a Star begins to become Combust, and when to be freed from his Combustment, no certain Rule can be given; for the Magnitude of the Star, the difference of the Climate; the cloudiness or serenity of the Air, may much alter, but the Opinion of the Ancient Astronomers was, that,

A Star of the	{	1	} magnitude may be seen when the Sun is but	{	12	} degrees below the Ho- rizon.
		2			13	
		3			14	
		4			15	
		5			16	
		6			17	

But those which be only Nebulous, cannot be seen till the Sun be 18 degrees under the Horizon.

**A Table shewing the time of the Year
when 50 Eminent Fixed STARS
do Rise both Cosmically and
Achronically.**

The Names of the STARS.	<i>Cosmical Rising</i>	<i>Achronical Rising</i>
Marchabi Pegasi	Janu. 1	March 9
Right Shoulder of Aquarius	6	Febru. 14
The extreame * in the wing of Pegaf.	28	19
Following the tail of the Goat	Febr. 5	Janu. 26
Bright star in the Rams Head	March 2	April 20
The following horn of the Ram	5	15
The former horn of the Ram	April 10	13
North tail of the Whale	12	March 19
The brightest of the Pleiades	22	May 10
The star in the knot in the Net of ♋	May 1	April 29
North horn of the Bull	15	June 7
North eye of the Bull	20	May 12
Belly of the Whale	23	March 16
Aldebaran the Bull's Eye	27	May 11
South horn of the Bull	June 5	June 17
Hercules, or the lower head of Gem.	21	July 20
Bright foot of Gemini	25	June 5
Middle star in Orion's Girdle	July 2	May 4
North Asellus	12	July 25
Presepe	14	19
South Asellus	17	17
Procion, the lesser Dog	18	June 6
Palilicium, Cyrius, or Great Dog	30	May 3

Lion's

Bowker, 1681.

Year RS	Lion's Heart	Aug. 8	August 9
	Lion's Back	10	October 19
Chronical Rising	Hydra's Heart	20	June 16
	Lion's Tail	22	October 16
rch 9	The Hare's Thigh	Sept. 9	April 14
	Vindemiatrix	13	Novem. 8
ru. 14	Arcturus	15	Decem. 13
	Virgins Girdle	19	October 18
u. 26	Bright star of the Crown	28	January 7
	Spica Virginis	Octob. 3	Septem. 24
il 20	Right Shoulder of Hercules	6	January 9
	Left Shoulder of Hercules	10	21
rch 19	Head of Hercules	21	8
	North Ballance	21	Novem. 17
y 10	South Ballance	23	October 24
	Swans Bill	31	Februa 16
il 29	Right Shoulder of Ophiucus	Nov. 5	Janua. 4
	Left knee of Ophiucus	6	Decem. 6
e 7	Lower Wing of the Swan	4	March 11
	Vulture's Tail	11	Janua. 27
y 12	Right Knee of Ophiucus	16	Decem. 6
	Scorpion's Heart	22	Novem. 4
rch 16	The Eagle	25	Decem. 31
	Scheat. Pegasus Wing	Dec. 11	March 24
y 11	Girdle of Andromeda	22	April 29
	Head of Andromeda	25	6
e 17	Upper Horn of the Goat	25	January 14

The Old Grecians, and after them the Latines, before Julius Caesar especially, designed the Seasons of the Year by the rising and setting of some notable Fixed Stars, as appeareth by Hesiod in his Second Book of Weeks and Days: Some few of his Georgical Canons are in part Translated out of Greek by the Reverend Mr. John Palmer, Rector of Eaton in Northampton Shire, in his Catholick Planisphere. One or two whereof are as followeth:

when

Bowker, 1681.

When the Pleiades Rise, begin to Mow, and to Plow when they Set. Also Sixty days after the Winter Tropick Arcturus Rises Achronically, and then appears the Swallow, the Spring being then new begun.

These and the like Rules, were the Husbandmans Almanack, by which they measured the Solar Year and the return of the Seasons: For in their Civil Year, consisting of Lunar Months, by reason of an intercalary Month added every Third Year, and somewhat oftner, the Seasons could not happen upon the same day of the Month Yearly, but sometimes 2 or 3 Weeks sooner or later, even as our Moveable Feasts do.

The Rising and Setting of the Fixed Stars keep the same distance yearly from the Equinoctial and Solstitial Points for a Mans Age near enough; for in a 100 Years the Stars go forward in Longitude but 1 deg. 25 m. (according to Tycho) by reason whereof the Rising and Setting of the Stars happen later in the Year, about 2 day and an half every 100 Years in the same Latitude. By this you may see that these old Astrological Rules lett us by Hesiod, Cato, Ovid, Aratus, Varro, Virgil, Pliny, Ptolomy, and other Ancient Authors, cannot serve for our Age, nor for every Latitude. And therefore, the best use that can be made of them is to help to rectify Chronology, for by these means *Historians* may be the more confident of the time when any of these Famous Men or others lived, of which more hereafter, for to this Years Essay I shall put

A N E N D.

ADVERTISEMENT.

There are lately published two *Celestial Hemispheres* upon the Plain of the Equinoctial, into a Circle of two Foot and a half Diameter, which contains the Stars only, besides the Zodiack, and other Circles without the same: in which are divers amendments, both in the Northern and Southern *Hemispheres*; having for the Southern followed

lowed the Observations of Mr. *Edmund Halley*, made at *St. Helena* in the year 1677. He hath now caused the Constellations to be curiously designed, by an Exquisite Hand, and the Stars curiously engraved in their proper Places and true Magnitudes, and drawn all the Circles necessary, to shew, by ocular inspection, the true Longitude, Latitude, Right Ascension and Declination of every Star, as well in its proper place, as in its Constellation: And hath filled up all the Corners of the same with such other Projections as are most instructive for the understanding the Principles of *Astronomy*, to wit the *Copernican* System, and the true Proportional Magnitudes of the Caelestial Bodies one to another, and their apparent Magnitudes: as also those of *Tycho* and *Ptolemy*, after the same manner: Together with the apparent Faces of the Moon, as seen through a Telescope. The which *Hemispheres* are to be sold by *R. Morden* at the *Atlas* in *Cornhill*, and *W. Perry* at the *Globe* by *Charing Cross*.

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ADVER-

Bowker, 1681.

ADVERTISEMENT.

There was lately *Proposals* made by *William Leybourn*, concerning the Printing and Publishing a Book in Folio, entituled,

D I A L L I N G

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Richard Dutton at the *Sun-Dial* in *Holbourn*,

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Who will receive *Subscription Money* any time before the Finishing of the Book, according to the same *Proposal*.

F I N I S.

